

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.

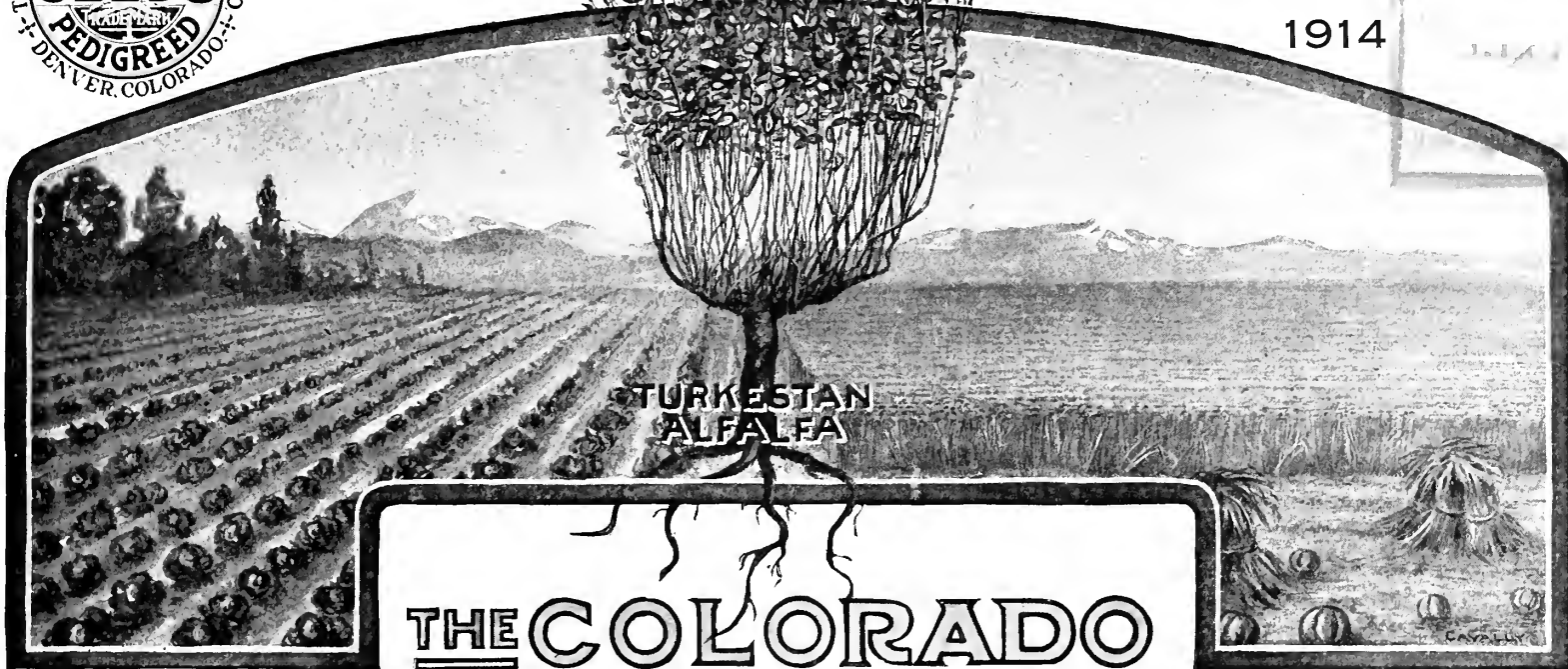




SEE SPECIAL DISCOUNT COUPON ON ORDER SHEET FOR ORDERS RECEIVED BEFORE MARCH 1st

GENERAL CATALOGUE  
AND CULTURAL GUIDE

1914



**THE COLORADO  
SEED & NURSERY  
COMPANY**

**THE UP-TO DATE SEED STORE**

FIELD SEEDS  
SELECTED FOR  
**DRY-FARMING**  
A SPECIALTY

OUR  
**"DEPENDABLE"**  
GRADES  
ARE BEST OBTAINABLE

PHONE MAIN 5203

1515 CHAMPA STREET :: DENVER, COLO.

# GENERAL INDEX

Vegetable Seeds.....	Page 2-20
Flower Seeds.....	21-31
Grass and Clovers.....	32-33
Field Seeds.....	34-37
Tree Seeds.....	37
Vegetable Plants and Roots.....	38
Summer Bedding Plants.....	39

Decorative Plants.....	Page 39
Bulbs.....	40-43
Hardy Perennials.....	44-46
Roses.....	47
Nursery Stock.....	48-50
Books.....	51 and Inside Back Cover

Parcel Post Rates.....	Page 51
Fertilizers.....	52
Insecticides.....	52-53
Implements.....	54-60
Poultry Supplies.....	61-64 and Back Cover
Freight Rates.....	Inside Back Cover

## INDEX--ALPHABETICAL

S—for Seeds, P—for Plants, R—for Roots, B—for Bulbs, T—for Trees.

	Page		Page		Page		Page
Aeroclinium.....	21	Canna.....	R40, S22	Elm.....	S37	Kochia.....	25
Alsike.....	33	Carnations.....	S22, P39	Emmer.....	35	Kaffir Corn.....	34
Ageratum.....	21	Canary Bird Flower.....	22	Endive.....	9	Knives.....	57
Alyssum.....	21	Catechfy.....	22	Eschscholtzia.....	22	Kohl-Rabi.....	S9, P24
Alfalfa.....	33	Caraway.....	20	Essex Rape.....	34	Labels, Pot.....	58
Apple.....	S37, T49	Carrots.....	7	Everlasting Flowers.....	24	Lantana.....	25
Apricot.....	S37, T49	Catnip.....	S20, R38	Evergreen Trees.....	50	Larkspur.....	25
Arbor Vitae.....	R46	Cauliflower.....	S6, P38	Farmogerm Fertilizer.....	38	Lawn Grass.....	32
Artichoke Tubers.....	R2, 38	Campanula.....	R44	Peterita.....	34	Lawn Requisites.....	55
Asters.....	S21, P39	Celery.....	S7, P38	Ferns.....	P39	Leek.....	10
Asparagus.....	S2, R2, 24	Centaurea, Imperialis.....	23	Feverfew.....	S24, P39	Leg Bands.....	62
Amaranthus.....	21	Cherry.....	S37, T49	Field Corn.....	36	Lettuce.....	9-10
Ampelopsis.....	R45	Chicory.....	6	Flax.....	S35	Lilac.....	T46
Antirrhinum.....	S21, P39	Chives.....	S13, P24	Forget-Me-Not.....	S24, P39	Lilies.....	43
Apios Tuberosa.....	R45	Chrysanthemum.....	S23, P39	Four O'Clock.....	24	Linum.....	25
Aquilegia.....	S23, R44	Cider Mills.....	59	Foxglove.....	S24, R44	Lobelia.....	S25, P39
Aquatic Plants.....	43	Cinnamon Vine.....	R45	Fuchsia.....	S24, P39	Locust.....	S37, 24
Almond, Flowering.....	46	Clematis.....	R45	Gaillardia.....	S24, P44	Madeira Vine.....	R45
Atomizers.....	54	Corn Flower.....	23	Garlie.....	38	Marguerites.....	S26, P39
Bachelor Button.....	33	Columbine.....	S23, R44	Geraniums.....	S24, P39	Marigold.....	26
Balsam.....	22	Cobaea Scandens.....	S23, P39	Gilia.....	24	Meadow Fescue.....	33
Barberry.....	46	Coriander.....	20	Gladoliol.....	42	Melon, Musk.....	10, 11
Barley.....	35	Collards.....	7	Gloxinias.....	S25, B43	Melon, Water.....	11
Beans—		Cosmos.....	S24, P39	Gold Fish.....	63	Mexican Beans.....	36
Garden.....	2-3	Corn Salad.....	6	Golden Glow.....	R44	Mignonette.....	26
Flowering.....	3-22	Corn Sheller.....	59	Gooseberry.....	S37, R48	Millet.....	34
Bermuda Grass.....	32	Corn, Sweet.....	8	Gourds.....	25	Milo Maize.....	34
Beets.....	4	Cleome.....	23	Grafting Wax.....	58	Mint.....	R38
Begonias.....	S22, B40	Clunbers.....	S23, R42	Grain Cleaners.....	59	Mimulus.....	26
Blackberry.....	S38, R48	Clovers.....	32, 33, 34	Grapes.....	46, 48	Mock Orange.....	46
Bleeding Heart.....	R44	Clover Cutters.....	62	Gypsophilla.....	S25, P44	Montbretias.....	B43
Bridal Wreath.....	46	Cress.....	9	Hedge Plants.....	46	Moonflower.....	P39, S26
Blue Spruce Trees.....	50	Coreopsis.....	S23, P44	Helichrysium.....	25	Morning Glory.....	23, 26
Blue Grass.....	32	Coekscomb.....	23	Heliotrope.....	S25, P39	Mourning Bride.....	25
Borecole.....	3	Convolvulus Minor.....	S23	Herbs.....	20	Mulberry.....	S37, T49
Brussels Sprouts.....	3	Coleus.....	S23, P39	Hoes.....	56	Musk Plant.....	26
Burning Bush.....	R44	Cane.....	34	Hollyhock.....	S25, R44	Mushrooms.....	12
Books.....	51	Calycanthus.....	46	Honeysuckles.....	R46	Mustard.....	11
Buckwheat.....	35	Cucumber.....	8	Iop Vine.....	R38, 46	Myosotis.....	24
Broom Corn.....	36	Currants.....	S38, R48	Horehound.....	20	Nasturtium.....	26
Brome Grass.....	32	Cypress Vine.....	23	Hotbed Cloth.....	57	Nest Eggs.....	63
Bone Cutters.....	61	Dahlia.....	S24, R41, 42	Husking Pins.....	59	Nicotiana.....	26
Cabbage.....	S5-6, P44	Daisy.....	S24, P39, 44	Hyacinth Bean.....	25	Nigella.....	26
Calendula.....	22	Dandelion.....	20	Hydrangea.....	46	Oats.....	35
California Poppy.....	22	Day Lily.....	R44	Ice Plant.....	25	Oat Sprouters.....	63
Calliopsis.....	22	Delphinium.....	S24, R44	Incubators.....	61	Okra.....	12
Candytuft.....	22	Dewberry.....	48	Iris.....	R44	Onions.....	12, 13
Castor Beans.....	22	Dog Cakes.....	63	Ivy.....	P39	Onion Sets.....	13
Calceolaria.....	22	Dutehman's Pipe.....	R46	Japan Quince.....	P46	Orchard Grass.....	32
Cineraria.....	22	Egg Cases.....	62	Japanese Hop.....	25	Oriental Poppy.....	S28, R44
Canbury Bells.....	S22, R44	Egg Plants.....	S9, P24	Job's Tears.....	25	Ornamental Grasses.....	25
Caponizing Sets.....	63	Elder, Golden Leaved.....	46	Johnson Grass.....	32	Oenothera.....	28
Canary Birds.....	63						



**The Colorado Seed & Nursery Co.**  
**Denver, Colorado**

Packed by

**Our No.**

**Your Name**

## Postoffice

۵

**R. F. D.**

State

**State whether wanted by Mail, Express or Freight**

Amount Enclosed \$ \_\_\_\_\_ Date \_\_\_\_\_ 1914

Date: \_\_\_\_\_

1914

**Please do not write in above spaces**

## We Deliver Free

NO GOODS C. O. D. WRITE PLAINLY--ESPECIALLY YOUR NAME AND ADDRESS

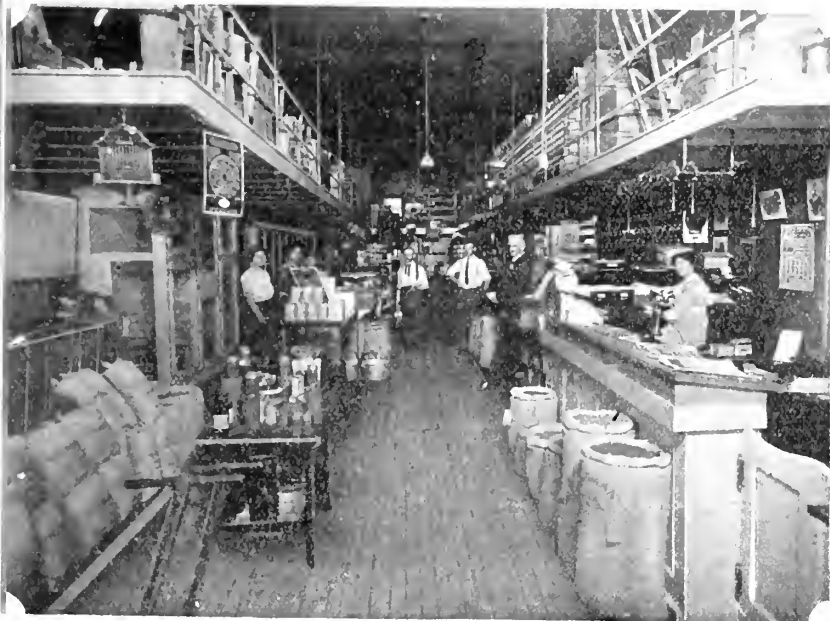
[illegible]

**FREE SEEDS—25c worth, your choice, if this Order Sheet is returned to us before March 1st, 1914, with an order of \$1 or more for any Vegetable or Flower Seeds. We do this to encourage early orders, before rush is on.**

[illegible]

**THIS SPACE BELOW IS RESERVED FOR THE SHIPPING DEPARTMENT**





## OUR STORE, 1515 CHAMPA STREET

Our business has grown tremendously, far greater than we dared to estimate, thus giving evidence that our seeds are giving satisfaction and our treatment is appreciated. We shall continue with vigilance to supply only

### PEDIGREED AND TESTED SEEDS

Our seeds are truly tested by us for germination and likewise many varieties are tested at our request by the U. S. Experiment Station. Records of the stock are kept so systematically that we have pedigreed history.

We keep a complete record of each variety by assigning it a stock number which is used on label, bag and order. The seed is at once tested for germination. None but of good germination is used. We know about each lot of seed. How many other seedsmen can give you such record?

### QUALITY IS OUR FIRST CONSIDERATION

The best is never too good. Why plant questionable seed? We have selected quality, regardless of price; thus some of our prices may seem a little high, however are low on the average for **Dependable Seeds**.

We are not claiming to be "biggest," "best," etc., but we do know the wants of our patrons and shall endeavor to serve them to mutual satisfaction. A satisfied customer is our best advertisement.

**Prices Include Postage** on All Vegetable and Flower Seeds as priced in this catalogue, unless otherwise notated; however the Parcel Post Law makes no change in postage rates on Seeds, Bulbs and Plants, but permits of fifty pounds in first and second zones, with twenty pounds in balance of zones.

A schedule of Zone rates for merchandise is given on page 51.

### ABOUT GUARANTEES

There are many reasons why good seeds fail to make a crop, many of which man cannot control, thus we cannot guarantee the crop. However, if ever our goods are found actually faulty, we shall do our part to give satisfaction.

**NOTICE**—We do not warrant in any way, expressed or implied, the contents, or the description, quality, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded.—**THE COLORADO SEED AND NURSERY COMPANY.**

### TERMS

Please remit by Money Order or Draft where possible. While checks sometimes cost us a little for exchange, we accept them. We prefer that you not send Postage Stamps except for small amounts. We make no charge for packing or delivering to Freight and Express offices.

### PREMIUM BOOK

While our prices are low, especially since we give Six 5-Cent Packets for 25 cents, and though we are giving full values, we are desirous that every patron become familiar with simple floral culture. We, therefore, give free as a premium on

**Orders for Seeds in Packets and Ounces Amounting to \$1.00 or Over**

Mr. Page's book, "Home Floriculture," 174 pages, illustrated.

If this premium is wanted, mention same in your order.

We shall continue to do our best to save you money and give you satisfaction.

**MARKET GARDENERS** and large planters should send us their list for quantity prices.

Address all orders plainly.

## The Colorado Seed & Nursery Co.

Postoffice Box 1345 Our Phone Number is Main 5203 Denver, Colorado

C. R. ROOT, President and Manager

W. M. F. HORLACHER, Vice-President  
L. MALONE, Secretary and Treasurer

**Seeds  
by Mail  
Postpaid**



# DEPENDABLE VEGETABLE SEEDS

WE PAY THE POSTAGE OR EXPRESS CHARGES ON ALL VEGETABLE AND FLOWER SEEDS offered in this list by packet, ounce, quarter-pound and pound, unless otherwise noted. Persons calling at our store or customers ordering enough for a freight shipment, or desiring to pay their own transportation charges, may deduct 8 cents per pound from prices of this catalogue on all seeds quoted by the pound or less.

Half pounds are supplied at pound rate, except on Beans, Corn, Peas and Field Seeds.

We guarantee safe delivery of seeds by mail. Seeds do not avail of Parcel Post Zone rates, instead are 8 cents per pound anywhere in U. S.

**DISCOUNT ON SEEDS IN PACKETS**—Any 6 of our 5c packets for 25c, or 3 of any 10c packets for 25c.



Palmetto

**Conover's Colossal**—Considered the standard bright green color. Is sometimes tinged with purple at top. Is very tender and productive. Pkt., 5c; oz., 10c; 1/4-lb., 20c; lb., 55c.

**Columbian Mammoth White**—Gives immense yield of clear white shoots of remarkably large size and excellent quality. Is distinct in variety and brings good price on market. A few shoots come green. Pkt., 5c; oz., 10c; 1/4-lb., 20c; lb., 65c.

**Early Argenteuil**—Early large green; very popular in Eastern markets. Pkt., 5c; oz., 10c; 1/4-lb., 25c; lb., 75c.

## Asparagus Roots

We recommend 1 year old; they grow quickly. Can supply each above variety. 12 roots prepaid for 25c; 100 prepaid for \$1.00. For 2-year-old Roots and other Vegetable Roots, see page 38.

## ARTICHOKE TUBERS

The Jerusalem Artichokes are grown principally for hog food. We supply tubers in April. Price, lb., 20c; 3 lbs. for 50c postpaid; if not prepaid, 10 lbs. for 40c; 25 lbs. for 75c.

## Asparagus

One oz. of seed will produce 300 to 400 plants.

Sow as early in the spring as the ground will permit, in rows a foot apart. Keep carefully hoed and free from weeds, and the plants will be in condition to set out the following spring. The soil for the permanent beds should be thoroughly manured and trenched to a depth of at least 2 feet. Plant in rows; spread the roots well out, and let the crown of the plant be covered about 6 or 8 inches when established. Previous to sowing the seeds, soak in tepid water for twenty-four hours.

A Good Book on Asparagus Culture by Hexamer—174 pages, 50c postpaid.

**Palmetto**—A very early and prolific variety, producing large deep green shoots of the best quality. A staple sort for market gardeners. Pkt., 5c; oz., 10c; 1/4-lb., 20c; lb., 60c.

## Beans

### Dwarf or Bush Green Podded Varieties

One pound will plant 50 ft. of drill.

Plant all varieties of beans after danger of frost is past. Bush beans may be planted about 2 inches deep in drills from 24 to 30 inches apart, according to the variety and richness of the soil, placing the seed 3 inches apart or 4 seeds in hills 24 inches apart each way.

Cultivation should be frequent until the plants begin to bloom, but only when the foliage is dry, for if disturbed when wet the vines will rust.

Price, for all varieties where not otherwise priced: Pkt., 5c; 1/2-lb., 20c; 1 lb., 30c; 2 lbs., 55c, postpaid.

**Stringless Green Pod**—Has round pod, very early and entirely stringless. The best snap bean for home or market. Our seed is very select and dependable.

**Early Yellow Six Weeks**—Has medium long flat green pods with yellow seed. A standard snap bean. The growth is very bushy and erect.

**Improved Early Red Valentine**—(Round pod). Vine erect; pods medium length, curved, cylindrical, with crease in back, very fleshy, crisp and tender.

**Refugee**—1000 to 1—The pods are long, cylindrical, green and of good quality.

**Shippers' Favorite (Longfellow)**—Long green pods, exceedingly prolific, tender, very early. Excellent for gardeners.

**Dwarf Horticultural, or Bush Cranberry**—Pods medium length, broad, thick, curved and splashed with red. Very desirable as a green shelled bean, maturing early.

**Broad Windsor, or Horse Bean**—A distinct type and very hardy. Pods grow upward. Seed large, flat, brown.

For Navy and Mexican Beans, see page 36.

### Dwarf Bush Lima Beans

**Burpee's Bush Lima**—A bush form of the true large Lima. A good yielder, bearing a handsome large pod, well filled.

**Henderson's Bush Lima**—Grows in compact bush form about 18 inches high. The beans are small in size, of delicious flavor and great productiveness.

**Market Gardeners** using Beans in quantity should ask us for prices on quantity purchases.



Stringless Green Pod.





Improved Golden Wax

**BEANS—Dwarf or Bush,  
Yellow Podded Varieties**

Price: Pkts., 5c; ½-lb., 20c; 1b., 30c; 2 lbs., 55c, prepaid.

**Improved Golden Wax**—The plants are hardy and bear an abundance of straight, broad, flat pods. Resist rust to a marked degree. Seed white, with brown or black markings near the eye.

**Wardwell's Kidney Wax**—The strong vines yield abundantly, long, nearly straight, broad, creamy-white pods. They are of fine quality and a fine variety for the market gardener.

**German Black Wax**—Pods medium length, curved, cylindrical, fleshy and of a clear yellowish white. Remain for some time in condition for use. Seed black.

**Peccil Pod Black Wax**—The best Black Wax Bean ever offered. Enormous cropper. Straight yellow pods, solid and meaty. Entirely stringless. Early.

**Davis Kidney Wax**—Rustless, early and productive. Very hardy. The bean is kidney shaped, white, a favorite for canning.

**Flageolet Wax**—Seed large, purplish red. Excellent as a snap bean.

**BEANS—Pole or Running**

Price same as Wax Varieties.

Do not plant any pole beans until soil is warm and all danger of frost is past. Pole beans require very fertile, warm soil. For best results, plant six seeds 2 inches deep in hills around where you can place poles 6 to 8 ft. high; set firmly in the ground 3 poles around a hill. Pole beans can run up corn stalks where corn is planted thinly.

**Kentucky Wonder**—(Old Homestead). This climbing variety is very vigorous and productive and bears its pods in large clusters. The pods are green, very long, often being nine or ten inches, nearly round, very crisp, and so fleshy that they are greater in width than breadth. The seed is long, oval, dun-colored. Very early, and the best to use in the green state.

**Lazy Wife**—So named on account of the large number of pods it affords, making it easy to obtain a supply. The pods grow in large clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. They have a rich, buttery flavor. The dry beans, which are white, are fine for winter use.

**White Creaseback**—A fine, early, green-podded, pole bean of rapid growth and very productive. The pods grow in clusters and are from five to six inches in length, perfectly round and deeply creased. They are very fleshy, stringless and of the best quality.

**Golden Cluster Wax**—Pods six to eight inches long, borne in clusters; color yellow to white; broad, thick, fleshy and of the very best quality.

**Large White Lima**—Pods borne in clusters; are long, broad, very thin, dark green.

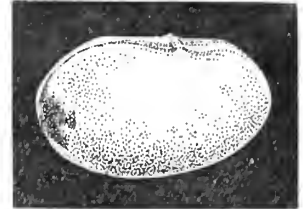
Lima Beans are not recommended for short season districts or where nights are cold.

**Horticultural Pole, or Speckled Cranberry**—Beans are large, round, splashed and spotted with red. The best late shell bean.

**The Aztec Pole Bean**

The original stock was found in ruins of the Cliff Dwellers in the Verde Valley of Arizona. We offered the seed for the first time last season. The beans are very large, ¾ to 1 inch long, plump, white and meaty. Is especially suited for dry land culture, however does well anywhere. You should try it. Liberal pkt., 10c. Pkt. of 25 beans for 25c.

Ask us about the New Tepary Bean for Dry Land Farmers. It's a great producer.



The Aztec Pole Bean.

**FLOWERING BEANS  
Scarlet Runners**

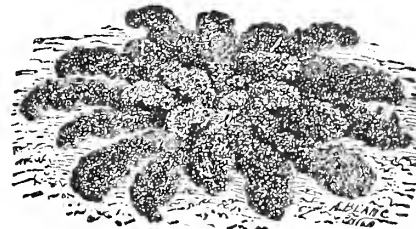
Recommended especially for ornamentation, to run over old fence or trellis. Will grow 12 to 15 feet high and produce an abundance of scarlet blossoms. The green seeds are edible and relished by many. Per pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c. Postpaid.

**BORECOLE OR KALE**

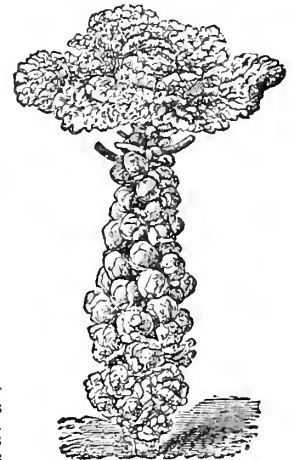
**Dwarf Green German**—Sow in the spring for "sprouts" or "greens." Hardy, prolific, flavor similar to cabbage; desirable in every garden. Pkt., 5c; oz., 10c; ¼-lb., 25c.

**Dwarf Purple German**—A variety of the preceding, and identical with it, except in color, which is a beautiful purple. Pkt., 5c; oz., 10c; ¼-lb., 25c.

**Tall Green Curled or Scotch**—This is one of the most popular varieties. It is very hardy, and is much improved by frost. Two feet high. Pkt., 5c; oz., 10c; ¼-lb., 25c.



Dwarf German Kale.



Brussels Sprouts.

**BRUSSELS SPROUTS**

**Culture**—Cultivated for the small heads that grow in considerable numbers from the main stem. It is a delicacy much esteemed by some. Sow in seed bed middle of spring; transplant and manage as winter cabbage. Dwarf Improved, pkt., 5c; oz., 15c; ¼-lb., 45c.



Early Blood Turnip. Eclipse. Detroit Dark Red. Extra Early Egyptian.

## Beet

Sow seed one inch deep in rows 15 to 24 inches apart in fertile, well pulverized soil, using 5 to 6 lbs. seed per acre. An ounce will sow 50 feet of drill. Cultivation should begin almost before the beets are up and continue until the plants shade the ground. When a few inches high, thin to six or eight inches apart in the row.

Price for all Table Beets, except where otherwise mentioned: Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 90c.

**Extra Early Egyptian**—The best variety for forcing and excellent for first early crop out of doors, being very early, with small tops. Leaves dark green, shaded and veined with dark red. Root very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about two inches in diameter. Flesh dark purplish red, zoned lighter shade; firm, crisp and tender.

**Crosby's Egyptian**—A very superior strain of Blood Red Egyptian.

**Eclipse**—Very early. It grows exceedingly smooth and symmetrical, with small tops, and is a splendid cropper.

**Early Blood Turnip Improved**—The standard, early sort. Top very small, tender, sweet and a good keeper.

**Detroit Dark Red**—A choice strain of dark red turnip beet, with small tops; skin blood red; flesh dark red. Very popular for market and canning.

**Half Long Blood**—It is becoming very popular and will give a much larger crop per acre than the turnip-rooted varieties.

**Long Blood Red**—An old standard variety, used for table and cattle.

**Swiss Chard or Silver Sea Kale Beet**—A distinct vegetable and much superior to the common beets for greens. If sown at the same time, it will be fit to use before them. Later the plants form broad, flat, beautifully white and wax-like stems to the leaves, which are very delicious cooked as greens. We recommend all our customers to try it. Pkt., 5c; oz., 15c; ¼-lb., 40c.



Swiss Chard.

**Lucullus Swiss Chard**—A new spinach Beet of remarkably good qualities as "greens." Leaves are thick with substance. The rib or stalk cook like asparagus. Pkt., 5c; oz., 15c; ¼-lb., 40c.

## BEETS for Stock and Sugar

For Stock Use Plant 5 to 6 Pounds per Acre.

They require a soil plowed deeper and the drills further apart than garden beets. Sow in April or beginning of May in drills from 2 to 3 feet apart, and when 4 or 5 inches high thin to 12 or 18 inches in the row.

Prices for either Stock or Sugar Beets—Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 50c; 5 lbs. for \$2.00. Postpaid.

If not prepaid—Lb., 50c; 5 lbs. for \$1.60; 10 lbs. for \$3.00; 25 lbs. for \$6.50.

**Klein Wanzleben Sugar Beet (Elite)**—This is the popular variety used by the sugar factories. It has a bright color and light colored leaves. Is very productive and leads all others in saccharine. Our seed is direct from growers who supply many sugar factories.



Klein Wanzleben.

**Giant Feeding Sugar Beet or Half Sugar Mangel**—This magnificent Sugar Beet, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value. The roots grow partly out of the ground, and because of this and their shape the crop can be harvested and stored at less expense than any other root crop. Every farmer should try it.

**Danish Sludstrup Mangel Wurzel**—This new variety is a wonderful producer. Is long, reddish yellow, grows well above the ground, and is easy to pull. Pronounced by the Danish people the best mangel in the world.

**Golden Tankard**—A special feature is the rich, deep yellow color of the flesh, far exceeding any other mangel in its nutritious and milk-producing qualities. On account of its peculiar shape it can be left very close in the rows, and therefore it is a very heavy cropper.

**Danish Elvethan Mammoth Red Mangel**—A great improvement on the Giant Long Red. The roots are very large and yield enormously; of smooth shape.

**Giant Long Red Mangel Wurzel**—The roots are very large, uniformly straight and well formed. Excellent for dairymen.

An excellent book for stock men, "Carrots, Mangold-Wurzels, Etc.," by J. J. H. Gregory. Price, 30c, postpaid.

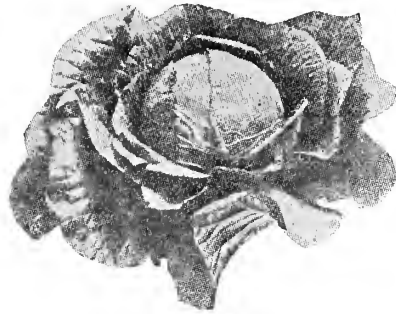
**Banner Root Cutters**—Just the thing for cutting up stock beets. Only \$5.00 by freight.



Giant Long Red Mangel Wurzel.



Early Jersey Wakefield.



Copenhagen Market.

## Cabbage

One ounce will produce about 2,000 plants. About 16,000 early or 8,000 late cabbages plant one acre.

For early cabbages sow the seed in a hot bed, in March or April, covering the seed from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep, and when big enough transplant to another bed. As soon as the ground is in a good condition, transplant outside, in rows 2 feet apart, and 15 to 18 inches in a row. The soil should be mellow, rich and well drained. For late crop the seed can be sowed in a cold frame, or even in the open ground, and then transplanted in rows 3 feet one way and 2 feet the other, so as to be able to work with a horse and cultivator. One ounce of saltpeter dissolved in 3 gallons of water sprinkled over the cabbage or cauliflower will destroy the green worm. The liquid, being clear, does not color the cauliflower or cabbage heads. Fine air-slacked lime or tobacco dust, sifted on the young plants as soon as the fleas appear on the ground, will prevent them from doing any harm.

**Extra Early Express**—Unquestionably the earliest variety, making fair sized heads in 80 to 85 days from sowing seed. Not especially popular except for earliness. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**

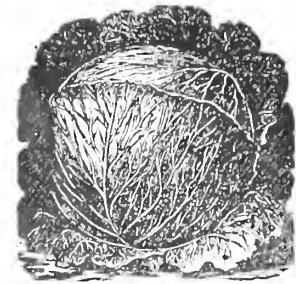
**Early Jersey Wakefield**—Very early and surest heading of first early cabbages. Many gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness not only to resist cold but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care; there is none better and there are few as good. Plant compact with few outer leaves, which are smooth and thick. Heads of medium size, solid, uniformly pointed and of excellent quality. The habit of growth and hardness make it most desirable for early planting. Furnished in growers' sealed packages of 1 oz.,  $\frac{1}{4}$ -lb. and lbs. **Pkt., 5c; oz., 25c;  $\frac{1}{4}$ -lb., 75c; lb., \$2.25.**

**Copenhagen Market**—The earliest large, round-headed cabbage yet introduced. Head exceptionally large for so early a variety, very solid, of most excellent quality. Plant vigorous but compact, with short stem and few outer leaves, which are of rather upright growth. Leaves medium light green, nearly round, comparatively thick and smooth. A most excellent sort, both for the home garden and market gardening trade. **Pkt., 10c; oz., 60c;  $\frac{1}{4}$ -lb., \$1.75; lb., \$6.00.**

**Early Spring**—This is the earliest flat-headed variety. The plant is vigorous, very compact, with few outer leaves and short stem. The head is solid and is very large for the size of the plant, nearly equaling many of the later kinds. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**



Select Early Winnigstadt.



Glory of Enkhuizen.



**Early Winnigstadt—Select Stock**—A strain of the well-known Winnigstadt Cabbage, but improved by several years' selection of the earliest, hardest and best formed heads, used for seed raising. Plants are almost sure headers, having produced 98 heads out of 100 plants set. It does well in any soil, but if planted in a rich soil will produce one of the largest heads among pointed head varieties. It is good for early planting or for winter use. Its keeping qualities being equal to Danish Ball Head. We recommend it strongly. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 65c; lb., \$2.00.**

**Glory of Enkhuizen**—This variety gives excellent satisfaction. In season. Glory of Enkhuizen is one of the earliest of the flat sorts; size, medium, but very firm and solid—a most desirable variety for home and market use; the flavor is good, the leaves being very fine ribbed. The outer leaves are globe-shaped, permitting close planting. On account of its solidity this variety keeps much longer than the ordinary early kinds. Our stock is imported direct from the originator in Holland. Furnished in growers' sealed packages of 1 oz.,  $\frac{1}{4}$ -lb. and lbs. **Pkt., 5c; oz., 25c;  $\frac{1}{4}$ -lb., 80c; lb., \$2.50.**

**All-Head Early**—It is among the earliest of the large cabbages. It is fully one-third larger than Early Summer. The deep, flat heads are remarkably solid and uniform in color as well as in shape and size. It is very tender and of fine quality. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**

**Early Dwarf Flat Dutch**—Has succeeded admirably on account of its ability to resist heat; it never flaws under the severest sun and produces very fine large heads after the earliest sorts have disappeared. We recommend it highly. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**

**Early Summer**—This variety is about five days later than the Wakefield, but being fully double the size it may be classed as the best Large Early Cabbage; in weight it is equal to most of the late varieties, and its short outer leaves enable it to be planted nearly as close as the Wakefield. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**

**All Seasons**—A dependable strain of medium early round-head variety. An excellent keeper. Resists dry weather remarkably well. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**

**Surehead**—Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head. It is among the best cabbage for main crop. It is very sweet flavored, has scarcely any loose leaves; keeps well; good for shipping. **Pkt., 5c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$1.75.**

Book, "Cabbages, Cauliflower and Allied Vegetables," 128 pp., by C. L. Allen, a practical grower. Price, 50c postpaid.

A special Cultural Leaflet on Cabbages free with orders if asked for.



## Late or Winter Cabbage

**Danish Ballhead, or Hollander**—This winter variety is especially desired on account of its great solidity and its keeping qualities. They weigh more than other sorts of equal size. The heads are crisp, tender and sweet, and unsurpassed for boiling, slaw, sauerkraut, etc. **Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.25.**

**Danish Roundhead, Short Stem**—An earlier, improved strain of the Danish Ballhead Cabbage. The heads are hard and very solid and mature about two weeks in advance of the Ballhead type. They also average a little larger and heavier. The inner leaves are blanched almost pure white, are of sweet flavor, crisp and tender. It is less liable to blight and shows vigorous growth even in the hot summer. **Pkt., 5c; oz., 25c; ¼-lb., 80c; lb., \$2.50.**

Both above furnished in growers' sealed packages of 1 oz., ¼-lb. and lbs.

**Scott's Cross or Greeley Market Cabbage**—This cabbage is one of the best for medium early crops. It is medium early, making a medium to large sized head. This plant is almost lice-proof and a sure header. It is a good shipper and much liked on account of its splendid color. It will stand shipment till January. **Pkt., 10c; ½-oz., 35c; 1 oz., 60c; ¼-lb., \$1.75.**

**Premium Late Flat Dutch**—A low growing variety; heads large, bluish-green, round, solid, broad and flat on top; an excellent fall and winter variety, and a good keeper. It is a sure header. **Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75.**

**Drumhead Savoy**—An excellent winter and spring family cabbage, partaking partially of the size of the Drumhead and the curled leaves of the Savoy. Market gardeners usually find it profitable to provide a limited quantity for discriminating customers. **Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., \$2.00.**

**Early Ulm Savoy**—Earliest of the Savoy cabbages; pointed head. **Pkt., 5c; oz., 20c; ¼-lb., 65c.**

**Mammoth Rock Red**—The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of a deep red color. **Pkt., 5c; oz., 20c; ¼-lb., 65c; lb., \$2.00.**

**Danish Round Red**—Heads are 6 to 8 inches in diameter, perfectly round and hard, making it an excellent market variety. Supply limited. **Pkt., 10c; ½-oz., 25c; 1 oz., 40c.**

Cabbage Plants of the leading varieties supplied in season. See page 38.

## CORN SALAD

**Broad Leaved**—Used as a small salad throughout the winter and spring. Sow thickly in drills; cover slightly first of autumn and sprinkle with straw on the approach of severe winter or sow in a cold frame, covered in winter as may be convenient. Thus is accessible even when deep snow prevails. **Pkt., 5c; oz., 10c; ¼-lb., 20c.**



Danish Ballhead.

## CAULIFLOWER

For early use seed should be sown  $\frac{3}{4}$  of an inch deep in a greenhouse, hot-bed or in boxes in the house, about 6 weeks before the plants are needed for planting out.

If, when the second leaves appear, the plants can be transplanted, spacing them 3 inches apart, better and more hardy plants will be obtained.

As soon as the soil can be worked in the spring the plants should be removed to the open field and set in rows 2 feet apart each way. Cultivate occasionally to keep out weeds and preserve the moisture in the soil until the plants shade the ground.

For late use sow seed in beds about May 10th and when the plants are large enough remove to the garden, setting them from 2 to 2½ feet each way.

As soon as the heads begin to form, tie the leaves together over the head to keep out the light; by this process nice white heads are obtained.

One ounce of seed will produce about 2,000 plants.



**Extra Early Danish Snowball**—Dependable Grade. Knowing the importance of selection in strain of seed for best results, we have secured from a reliable seed grower in Denmark a limited supply of selected seed that produces dwarf growth of exceptionally large, compact heads of beautifully white cauliflower. With proper treatment this strain will prove very satisfactory and profitable. In sealed 1-oz. packages. **Pkt., 15c; ¼-oz., 65c; oz., \$2.25.**

**Danish Perfection**—A new strain just offered from Denmark, claimed to be self-protecting by the inner leaves spreading over the head. Stands long without sun burning. Early and heads well. We believe it worthy. **Pkt., 25c; ¼-oz., \$1.00.**

**Early Paris**—A popular early sort in the Paris markets. Heads large, white, compact and solid, of excellent flavor, tender and delicious. Leaves large, stalk short. **Pkt., 5c; ¼-oz., 20c; oz., 65c; ¼-lb., \$2.00.**

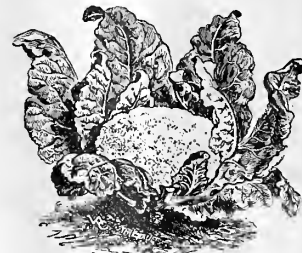
**Late Snowball or Danish Dry Weather**—We take pleasure in offering this cauliflower to our customers. It is from one of the best growers in Denmark and we recommend it highly for late cropping. It is a splendid strain for a dry season and equally good in all weathers. From the reports we have regarding this stock from gardeners, we consider it a valuable addition to the list and a worthy companion to our Extra Early Danish Snowball. **Pkt., 15c; ¼-oz., 65c; oz., \$2.25.**

**Cauliflower Plants of both Early and Late Snowball supplied in season. See page 38.**

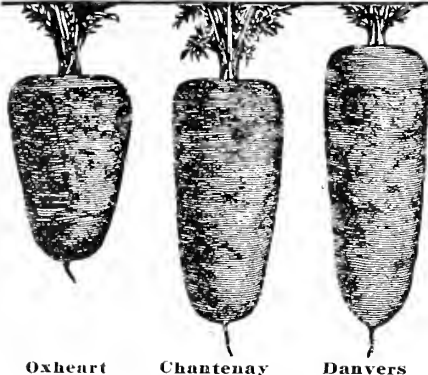
## CHICORY

**Large Rooted**—A hardy plant, introduced from and much used in Europe as a substitute for coffee. In the fall the roots require to be taken up and cut into small pieces and put where they will dry, requiring the same treatment used for drying apples. When required for use, it should be roasted and ground like coffee. Requires similar treatment to carrots. **Pkt., 5c; oz., 10c; ¼-lb., 25c.**

**Large Leaved**—Leaves are cut when needed and used as salad. **Pkt., 5c; oz., 10c; ¼-lb., 25c.**



Read Gregory's Book on Carrots, Mangold-Wurzels, etc. Price only 30c, postpaid.



Oxheart

Chantenay

Danvers

to one inch deep and see that the soil is pressed firmly about the seed. Thin to 3 to 6 inches apart in the row as soon as the plants are large enough. For winter use gather and store like turnips.

One ounce will sow a row 100 ft. long; 3 lbs. for 1 acre.

Prices for all table carrots, pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 90c.

**Ox-Heart, or Guerande**—This carrot is longer and much thicker than the Early Scarlet Horn; fine-grained and of a deep orange color; destined to become the leading carrot.

**Early Scarlet Horn**—This is a very early variety. It is shorter than most of the other sorts and the tap root terminates abruptly, giving it a blunt appearance. Color deep orange, fine-grained and agreeably flavored.

**Chantenay**—Tops medium size, necks small; roots tapering slightly but uniformly; stump-rooted and smooth; color deep orange red; flesh very crisp and tender; is a medium early sort, a heavy cropper, and is undoubtedly one of the best for both the market and private gardener.

**Danvers**—A half long orange carrot, grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size. Roots of medium length, six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, crisp and tender.

## CARROTS FOR STOCK

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than turnips and nearly all animals like them and are benefited by them.

**Long Orange Improved**—Roots long, smooth and deep orange color. Equally adapted for garden or farm culture. Pkt., 5c; oz., 10c; 1/4-lb., 30c; lb., 85c.

**White Belgian**—Grows one-third out of the ground. It is much used for stock; very easily gathered. Pkt., 5c; oz., 10c; 1/4-lb., 25c; lb., 75c.

**Yellow Belgian**—Similar to White Belgian, except color. Pkt., 5c; oz., 10c; 1/4-lb., 25c; lb., 75c.

Belgian.

## Carrots

The carrot is one of the most wholesome and nutritious of our garden roots, deserving to be more extensively used for culinary purposes and we urge our customers to give some of the early table varieties as well as feeding sorts a trial. For horses and especially as winter feed for milch cows, the carrot cannot be surpassed and it should be more largely grown by farmers for this purpose.

Sow as early as the ground can be worked; sow the smaller kinds in rows, 16 to 18 inches apart. For field culture sow in drills 18 to 24 inches apart. Cover one-half



Book—"Celery for Profit," by Greiner. Postpaid, for 20c.

## Celery

Sow the seed in a sheltered location in the garden, in a well prepared seed bed, as early in the spring as the soil can be worked. When wanted very early seed should be sown in hot bed or indoors in March. Cover the seed with a very little soil and firm the same well. Keep the seed bed moist to insure quick germination and vigorous growth.

When ready for the field, set plants 6 to 8 inches apart in rows 3 to 4 feet apart, according to the variety and soil. When the roots of the celery plants are very long it is advisable to trim them off just before setting to about 3 inches.

A special Cultural Leaflet will be given free with orders if asked for.

**Golden Self-Blanching—French Grown, Dependable Grade**—This splendid variety is without doubt the most popular celery grown. It is a self-blanching sort, for with a little banking or covering even the outer ribs assume a beautiful golden yellow, while the heart or vine stalks are deliciously tender, brittle and sweet. It is not quite so early as the White Plume, but is of heavier and more compact growth, the stalks being thick, crisp and brittle. The hearts are large and solid, blanching a beautiful waxen yellow. Our seed is procured from a noted celery grower in France. French grown seed is superior to the California stock. It is higher in price, but is well worth the difference. Pkt., 10c; 1/4-oz., 40c; 1 oz., \$1.25; 1/4-lb., \$4.00.

One ounce of seed will produce about 2,500 plants.

**White Plume**—The earliest celery. This is a well-known variety. Popular on account of its earliness and the ease of its culture. Pkt., 5c; oz., 25c; 1/4-lb.,

**Golden Self-Blanching, 75c; lb., \$2.25.**

**Giant Pascal**—This is a green leaved variety developed from the Golden Self Blanching, and we recommend it as being of the very best quality for fall and winter use. It blanches to a beautiful yellowish white color; is very solid and crisp and of a fine nutty flavor. The stalk is of medium height, very thick, the upper portion nearly round but broadening and flattening toward the base. French grown seed. Pkt., 5c; oz., 25c; 1/4-lb., 75c; lb., \$2.25.

**Golden Heart**—A favorite main crop variety. When blanched the stalks are of a wavy yellow color, solid and crisp. A splendid keeper. Pkt., 5c; oz., 15c; 1/4-lb., 50c; lb., \$1.50.

## Celeriac or Turnip Rooted Celery

The roots are turnip shaped and may be cooked and sliced or used in soups and stews.

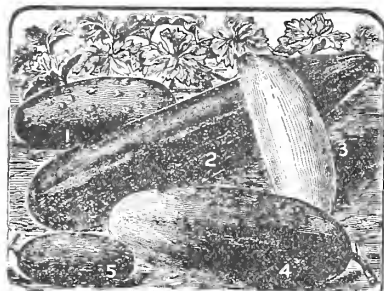
**Large Smooth French**—Roots are globular and smooth. Pkt., 5c; oz., 20c; 1/4-lb., 65c.

## COLLARDS

**True Georgia**—Used as greens. As the leaves are removed others grow in their places. Pkt., 5c; oz., 10c; 1/4-lb., 30c.



## Cucumbers



1—Klondike. 2—Improved Long Green. 3—Improved White Spine. 4—Davis Perfect. 5—Boston Pickling.

**Davis Perfect**—A carefully selected strain of Extra Long White Spine, suitable for both greenhouse and outdoor culture. The fruits are of large size, splendid quality and fine color. The flesh is tender, brittle and of excellent flavor. A favorite for market use. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Improved White Spine**—A longer variety than the ordinary White Spine, and dark green in color; used largely for forcing by market gardeners. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Long Green Imperial**—Is the very best of the Long Green type. Is perfect in shape and best for outdoors. **Pkt., 5c; oz., 15c; ¼-lb., 45c; lb., \$1.25.**

**Improved Long Green**—Unquestionably this is the most popular general purpose cucumber in the West. When matured is 9 to 12 inches long, very solid and crisp, retains its dark green color until nearly ripe. One of the best for small pickles if picked promptly. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Early Cluster**—Its usual length is about 5 inches; skin prickly; flesh white, seedy, tender and well flavored. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 90c.**

**Boston Pickling**—Medium long; a great producer. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 90c.**

**Chicago, or Westerfield Pickling**—Fruit medium length, pointed at end, with very large and prominent spines; color deep green. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 90c.**

**Japanese Climbing**—Climbs on fence or trellis, producing long, smooth, dark green fruit. **Pkt., 5c; oz., 15c; ¼-lb., 45c.**

**Telegraph—English Frame**—The popular English variety, used principally for forcing. Per original package, 25c.

**West India Gherkin**—This variety, used exclusively for pickling, is a species distinct from the common cucumber. It is very small, length from 2 to 3 inches, a strong growing sort and should be planted 5 feet apart. **Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.**

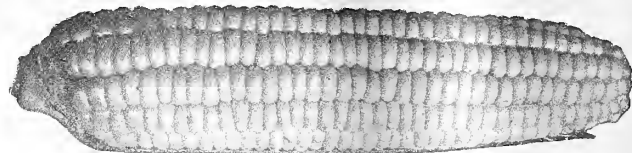
**Lemon Cucumber**—Quite distinct from other cucumbers, and, in shape, much resembling a lemon. It is ready to eat when it begins to turn yellow, and has a fine flavor. It is a good shipper, and also one of the best for the home garden. **Pkt., 5c; oz., 25c; ¼-lb., 75c.**

This is one of the vegetables that can be grown to perfection by anyone who can control a few square yards of soil that is fully exposed to the sun.

Drop in hills 4 to 6 feet apart, as soon as the weather becomes settled and warm. Cover half an inch deep, and pat it down with a hoe. Hoe often, and when out of danger of insects, thin to 4 plants to a hill. Pick the fruit before it begins to ripen, as the vines will cease setting fruit as soon as any seed begins to mature. **One ounce to 50 hills; two pounds to an acre.**

**Klondike Cucumber**—This is a medium early choice strain of the white spine type with dark green skin. Fruits are large, averaging eight inches; uniform in size and attractive in appearance. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

## Sweet Corn



Sweet corn being liable to rot in cold, wet ground, should not be planted before May, or until the ground has become warm; practically nothing is gained in time, and much is lost in quality by planting too soon. To have the finest sweet corn it must be picked in just the right condition—that is, when the skin of the grain breaks at the slightest puncture—and plantings should be made every two weeks to have a supply at this stage. Plant in rich ground in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted closer. Give frequent and thorough but shallow cultivation until tassels appear.

**One pound enough for 250 to 300 hills; 10 to 12 pounds for one acre.**

Price, except where priced otherwise: **Pkt., 5c; ½-lb., 15c; lb., 25c; 2 lbs. for 40c, prepaid.** Ask for prices on larger quantities.

**Morse's Golden Cream**—A new variety of especial merit, being a cross of the Country Gentleman and Golden Bantam, retaining the color of the latter and shape of the former. Is dwarf, early and very sweet. Our stock is from the introducer. **Pkt., 5c; ½-lb., 20c; lb., 35c.**

**Golden Bantam**—This is a new early sweet corn of remarkable popularity, due to its high quality. The ears are borne two to a stalk and are about six inches in length and with eight rows of kernels on a cob. The kernels are a golden yellow color which at first gives the impression of field corn; however, as soon as it is tasted the eater calls for "some more." Gardeners should plant liberally. **Pkt., 5c; ½-lb., 20c; lb., 30c; 2 lbs., 50c; prepaid.**

**Country Gentleman**—The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three to a stalk. But the great merit of the Country Gentleman corn is its delicious quality; it is without doubt the sweetest and most tender of all sweet corns, and at the same time with ears of good size.

**Stowell's Evergreen**—It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary, and remains for a long time in an edible condition.

**Mammoth White Cory**—The largest extra early sweet corn. The ears are 12-rowed, white-cobbed, and covered with very large white grains of good quality.

**Early Minnesota**—Is among the earliest of the sugar varieties, and is much esteemed. Ears rather small, long and pointed.

**Howling Mob**—Extra sweet, early and large, producing 2 ears to a stalk. Usually free from worms.

**Perry Hybrid**—A valuable early 12-rowed sugar variety. Valued by gardeners.

**Crosby's Early**—A remarkably good quality variety of medium early; suited especially for home use.

**Black Mexican**—A black kernel variety of exceptionally sweet flavor. The dark color meets with objection when offered on market, but for home use is well liked.

**Adam's Extra Early**—This is not a sugar corn; however, being so very early, of white color, it finds a ready sale for early corn; worms seldom trouble it.

## Pop Corn

Plant in May when weather is well settled. Cultivate same as field corn. Three pounds is sufficient for one acre.

**White Rice**—A very handsome and prolific variety. Ears 6 to 7 inches long; kernels long, pointed and resemble rice; color white. No variety of pop corn is superior to this for parching. The standard variety for market. Shelled. Pkt., 5c; ½-lb., 15c; lb., 25c, postpaid.

**CORN SHELLER**—The Blackhawk Hand Sheller will shell any kind of corn. Fits any table or bench. Price, \$2.50.

## CRESS OR PEPPER GRASS

Used as a small salad. Sow very thickly in shallow drills on a smooth surface at short intervals throughout the season. Pkt., 5c; oz., 10c; ¼-lb., 20c.

## CRESS, True Water

Is quite distinct from the Garden Cress and only thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. Pkt., 5c; oz., 30c.

## EGG PLANT

Sow in hot-beds very early in the spring; thin them out as soon as big enough to be handled, to 3 or 4 inches each way, and transplant to 2 or 3 feet apart in very rich, warm ground. Do not plant them outside till nights are real warm. Hoe often and hill up gradually till they blossom. One oz. seed produces 1,000 plants.

**Improved Large Purple Spineless—Dependable Grade**—This variety has about superseded all others, both for market and home garden; a favorite in Colorado. Our stock is extra selected direct from the best grower in New Jersey. Pkt., 5c; ¼-oz., 15c; oz., 40c.

## ENDIVE

Sow the seed in June or July in drills 14 to 20 inches apart and when well started thin the plants to one foot apart. When nearly full grown tie the outer leaves together over the center in order to blanch the heart of the plant. One oz. sufficient for 50-ft. row.

Price for all varieties: Pkt., 5c; oz., 15c; ¼-lb., 40c.

**Green Curled**—An early, vigorous growing variety with bright, deep green leaves. Blanchers readily to a creamy white.

**White Curled**—Similar to the green except that leaves are lighter color.

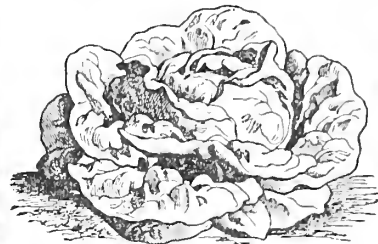
**Broad Leaved Batavian**—A variety having broad, more or less twisted and waved, bright deep green leaves with thick white midribs. Unsurpassed for salads.

## KOHL-RABI

Prepare ground as for cabbage, then plant about the first of June in rows 2 feet apart, thinning plants to 12 inches in the row. The flesh is tender and resembles a fine rutabaga, with less of a turnip flavor. One ounce to 2,000 plants.

**Early White Vienna**—The earliest and best for forcing; very tender; excellent for table use. Pkt., 5c; oz., 20c; ¼-lb., 60c.

**Early Purple Vienna**—Same as White Vienna, except in color.



Paris White Cos.



Big Boston.

## Lettuce

Lettuce thrives best in a light, very rich, moist soil, but does well in common garden soil enriched with rotten manure. For first crop sow in gentle heat in February and transplant to 10 inches apart. It may be sown thickly and cut when the plants are very young. For a summer supply sow thinly in shallow drills in a cool, partially shaded place, in rich soil, and thin out to a foot apart.

One ounce seed makes 2,000 to 3,000 plants.

### Cabbage or Heading Varieties

**Los Angeles Market**—A new variety; curled leaved, forming solid heads, well blanched, crisp, tender and sweet. Stands heat and warm weather better than most varieties. Supply limited. Pkt., 5c; oz., 25c; ¼-lb., 75c.

**May King**—An unequaled variety for early spring planting in the open ground. It is extremely hardy and very quick growing. The outer leaves are light green, slightly tinged with brown; the inner leaves are bright yellow and of a fine, rich, buttery flavor. Each head will weigh nearly a pound on the average. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**Improved Big Boston**—Popular for outdoor culture; also much in demand as a compact, large heading, forcing sort. Plants large, very hardy and vigorous. Leaves broad, comparatively smooth but wavy at edge, thin, very hard and crisp; color bright light green, the head slightly tinged with reddish brown. We heartily recommend it, especially to the market gardening trade. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**Denver Market**—It is an early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads of a good light green color, and is very slow to seed. The leaves are beautifully marked, blistered, very crisp, tender and of excellent flavor. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**Hanson**—One of the most desirable later summer lettuces. The plant is compact and forms a large, cabbage-like head which remains in condition longer than most heading sorts. Outer leaves bright yellowish-green, broad, somewhat crumpled and frilled at edge and with distinctive midrib. Inner leaves white, very crisp and sweet. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**Early Ohio or Cincinnati**—Forms fine heads similar to Denver Market and is market gardeners' lettuce. Does well out of doors; is slow to run to seed. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

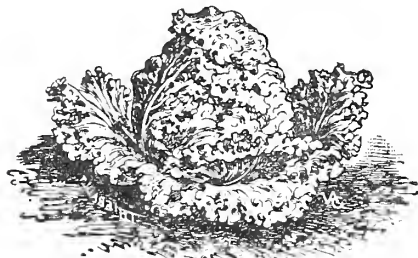
**Cabbage Head or California Cream Butter**—This lettuce has become the most popular of all smooth-leaved varieties; it is of good flavor and beautiful in appearance. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**Paris White Cos**—The Cos lettuces are distinct from the preceding sorts in having long, narrow, spoon-shaped leaves, which usually fold into loose, sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.





## LETTUCE—Continued



Grand Rapids.



Simpson.

## Curled or Loose Leaved Varieties

The loose-leaved varieties are used very profitably for indoor forcing. They are ready for market quickest. Do well also outdoors.

**Grand Rapids—Select Stock**—As a lettuce for greenhouse forcing this variety undoubtedly stands at the head of the list, being of quick growth, hardy, little liable to rot and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges. The leaves do not wilt quickly after cutting so that the variety will stand shipping long distances better than most sorts. Very attractive and desirable for garnishing.

Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**Black Seeded Simpson**—One of the best for sowing outdoors where an exceedingly tender leaf is desired and for those markets which demand a very large, loose clustering sort of a light yellowish green color. Leaves ruffled and blistered and even the large outer ones are very tender; uniformly attractive and remains of excellent quality for a very long time. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**Simpson's Early Curled**—(Seed white). A very extensively used early loose-leaved or clustering variety. Leaves light green, slightly frilled and much blistered, crisp, sweet and tender. The sort is especially adapted for sowing thickly and cutting when the plants are young. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**Early Tenuis Ball**—A most popular sort for forcing. Equally good for outdoor purposes. Forms a handsome head, and is very crisp and tender. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**Prizehead**—A large, loose-headed, thin-leaved sort. The very large leaves are crimped, bright green, tinged on the edges with reddish brown and are crisp and sweet. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.



Leek.

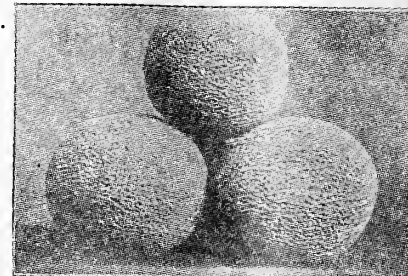
## LEEK

**Culture**—A hardy species of onion, sown in drills or broadcast. When 6 inches high transplant into rows a foot apart, setting the plants 4 or 5 inches deep and about 6 inches apart in the row. Used mostly in soups and stews. One ounce to 100 ft. of drill.

**Large American Flag**—This leek, aside from being valuable for soups and salads, when blanched makes an excellent dish if sliced and cooked like green peas. Pkt., 5c; oz., 15c; ¼-lb., 50c.

## Musk Melons

**Culture**—The soil for musk melons must be light, rich and sandy, as, if grown on a heavy soil the quality will be poor and they will not be so early. When there is no more danger of frost drop 8 to 10 seeds in hills 6 feet apart each way, covering about ¾ inch deep. As soon as plants commence to run, thin out to 3 best plants in a hill and cultivate till the vines cover the whole ground. Ash or air-slacked lime sifted on the young plants while the dew is on is good to keep the insects off.



Rocky Ford.

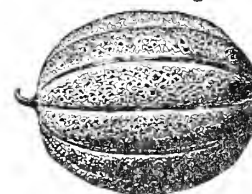
One ounce will plant about 60 hills, and it takes 2 to 3 pounds to one acre.

An excellent book for melon growers—How to Grow Melons for Market. Price, 20c, postpaid.

**Robinson's Gold Lined Cantaloupe**—An improved strain of the Eden Gem type. The shape is ideal, no ribs, heavily netted, thick-meated. The color is green with a gold margin. Highly recommended. Comes to us in sealed packages of 1 and 5 lbs. Per pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75.

**Rocky Ford Cantaloupe**—Select "Eden Gem" strain. It is of the Netted Gem type, oval in shape, averaging from 4½ to 5 inches in length, of a delicious flavor, very fine and smooth grained flesh of a light green color throughout when ripe. The seed we offer is our own growing at Rocky Ford, Colorado, and can be relied on for both purity and vitality. Seed from perfect specimens selected for seed only. Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**Blinn's Salmon Cantaloupe**—A truly rust-resistant, salmon color melon that is giving satisfaction. It is round, netted, early and a good shipper. Our stock is from originator. Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75.



Burrell's Gem.

**Burrell's Gem**—It has a tough, thin rind, well arched ribs, covered with a closely laced and interlaced gray netting. Shape is quite elongated, the diameter from stem to blossom end being one-third more than from top to bottom. Meat reddish orange, very thick, fine-grained and spicy; vines vigorous; average weight, 2½ lbs. and notwithstanding its thin rind is an ideal shipping melon. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**Osage**—Medium early, salmon flesh color of excellent quality. Popular in Chicago market. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

**Netted Gem**—This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and highly flavored. We offer an exceptionally fine stock of this sort. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

**Emerald Gem**—Is of medium size; skin, while ribbed, is perfectly smooth and of a deep emerald green color. The vines are hardy and very prolific, and the melons mature extremely early. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

**Hackensack**—An old favorite for large green flesh variety. Is wonderfully productive. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.

## MUSK MELONS—Continued



Paul Rose.

**Paul Rose or Petoskey**—Combines all the good qualities of the Netted Gem and Osage, the varieties from which it originated. Fruit oval, about 5 inches in diameter, shape and general appearance similar to the Netted Gem, of a light green or faint golden hue when fully ripe. Firm flesh, a rich orange red like the Osage, but even sweeter and higher flavored; ripens close down to the rind, with small seed cavity; the most uniformly good of any muskmelon grown. Best shipper; just the size for hotel and table use. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Acme or Baltimore**—A most excellent oval shape melon, ribbed and heavily netted; green flesh. A sure cropper and especially satisfactory in Colorado. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Defender**—The melons are medium sized, oval in shape, slightly ribbed, and covered with gray netting. The flesh is firm, fine-grained, rich, deep yellow and of high flavor. The rind is very thin, but is very hard and firm. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

## WINTER CASABA MELON

The Casabas are a variety of long-keeping melons that were first known as "Winter Melons," "Christmas Melons," etc. They are very novel and also very delicious. In the last five years several improved varieties have been offered.

**Improved Hybrid**—Has a deep green color outside, deeply ribbed. The flesh is creamy white, two to three inches in thickness. Size 8 to 12 lbs. Requires 110 to 120 days to make. Should not be eaten until become soft or mellow after picking. Will stand shipping across the continent. **Pkt., 5c; oz., 25c; ¼-lb., 80c.**

## CITRON MELONS

**Red Seeded Citron**—Used in making preserves; grows uniformly round and smooth; striped and marbled with light green. Flesh white and solid. **Pkt., 5c; oz., 10c; ¼-lb., 30c.**

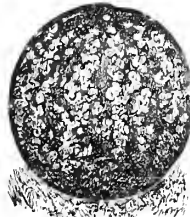
**Colorado Preserving Melon**—Green seeded. Grows large and very prolific. Especially good for stock feed. Grows splendidly on dry land. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 80c.**

## MUSTARD

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like spinach.

**White London**—Plant upright; of rapid growth and soon bolts to seed. Leaves when young are mild and tender. **Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 40c.**

**Southern Chinese Giant Curled**—Leaves large, light green, much crimped and frilled at edges. Plant upright or slightly spreading in growth. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**



Citron Melon.

## Water Melons

To get good, strong vines early in season, form large, well-drained hills of earth, made very rich, about 8 ft. apart. In these plant the seed as soon as the ground is warm and dry, and carefully protect the young plants from insects, and hasten their growth by the use of liquid manure.

One ounce for 30 hills; 3 to 4 lbs. for one acre.



Kleckley Sweets.

**Kleckley Sweets, "Sweetest of All"**—There is no melon superior in quality to a good strain of Kleckley Sweets. The bright scarlet flesh is the ideal of watermelon quality, firm, crisp, entirely free from stringiness and "sweet as sugar." The melon is oblong in shape, about 20 inches in length by 10 to 12 inches in diameter. The skin is a rich dark green; the rind is thin and brittle. For the home garden and local market it should always be given a place. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 85c.**

**Rocky Ford**—This melon, as indicated by its name, was originated at Rocky Ford, Colo. It is well known to be the best shipping melon grown, while its flavor is far superior to any other. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.**

**Tom Watson**—Early, long, green skin with tough rind. Similar to Rocky Ford. A good shipper. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Ice Cream**—Form oblong, seeds white, flesh solid and of fine color, crisp and delicious; very popular. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.**

**Gypsy or Rattlesnake**—The largest of all the varieties of watermelons; long, smooth, distinctly striped with light mottled and wavy, dark green, regular stripes. Flesh bright scarlet and very sugary. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.**

**Kentucky Wonder**—Oblong in shape, skin dark green, flesh a beautiful scarlet color, crisp and not tough, rich and sugary flavor; always firm, very solid and never mealy. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.**

**Kolb's Gem**—Very large, slightly oval, striped with light and dark green. Rind very hard and firm. Flesh bright red, solid, coarse-grained, but tender and sweet. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**Mountain Sweet**—A large, oval variety; flesh scarlet and quite solid; very sweet and delicious; best for general use. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**Black Diamond**—A cross between Kolb's Gem and Hoosier King. No melon produces anything like its large, uniform fruit, nor approaches it in productiveness. Melons weighing from 75 to 90 pounds are frequent. It is the most prolific watermelon ever planted. Its color is a rich, dark green, almost black. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.**

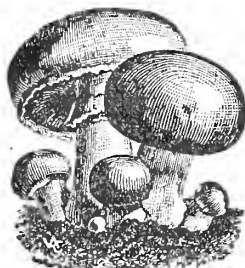
**Phinney's Early**—Very early, quality good; hardy. Bears abundantly, medium sized, oblong melons with thin, smooth rind; flesh pink and tender. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**Sweetheart**—Remains in condition for use longer than any other sort; fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin, but strong, making it a good shipper. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.**

**Florida Favorite**—Oblong in shape, growing to a very large size; rind dark with light green stripes; flesh light crimson, crisp and deliciously sweet. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 65c.**

**Chilean**—The flesh is bright red, solid, sweet and melting, leaving no pulp in the mouth. Seeds white, skin one quarter of an inch thick, very strong, excellent for shipping. Try it. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 90c.**





Mushrooms.

## MUSHROOMS

**Pure Culture Spawn**—Lambert's Pure Culture Spawn is far superior to the old style varieties and much better results can be obtained from its use. With every order of mushroom spawn we send free of charge complete instructions for mushroom culture. Bricks weigh from 16 to 18 ounces. A brick will spawn ten square feet of bed. With Lambert's Pure Culture Spawn it is impossible to raise poisonous mushrooms. **Price, per brick, 35c, postpaid. By express or freight, 5 bricks, \$1.00; 25 bricks, \$4.50; 100 bricks, \$15.00.**

Book, "Mushroom Culture and Pure Culture Spawn," 32 pages. 35c postpaid.

## OKRA OR GUMBO

Sow late in the spring, after the ground has become warm, in drills 3 feet apart, and, when plants are 3 inches high, thin out from 10 to 12 inches. They should be well manured. They also can be started in a hot-bed and transplanted afterwards. The young green seed pods of this plant are used in soups or stewed and served like asparagus. The young pods can also be dried for winter use.

**One ounce will plant 100 hills.**

**White Velvet**—It is very distinct in appearance, and unlike other varieties, the pods are not rigid but are perfectly round and smooth, of superior flavor and tenderness. The plants are comparatively dwarf and of compact branching growth; the pods are of extra large size and produced in great abundance. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

## Onions

Onions thrive well in any good soil, although very sandy soils are apt to dry out to too great an extent. Probably the very best soil for this purpose is old land that has been kept up to a high state of fertility and free from weeds, fall plowed and thoroughly pulverized in the spring.

Sow the seed early in the spring, about ¼ inch deep in rows 12 to 15 inches apart. It is tedious work thinning onion plants so it is well to secure seed from reliable dealers who are careful to have seed of high germinating qualities; sow the seed a little thicker than the onions are to stand, thus avoiding unnecessary thinning.

In the case of large varieties, like Prizetaker and Mammoth Silver King, the young seedlings should be transplanted so as to permit the plants to reach full size and development.

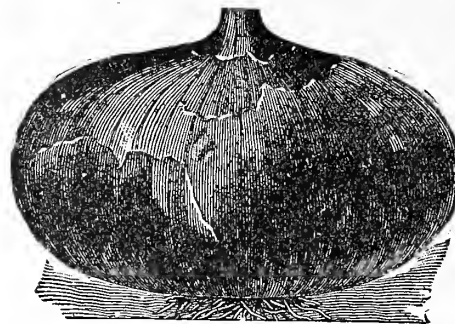
As soon as the plants begin to break through the soil, pass over the rows with a wheel cultivator which works both sides of the row at once and throws a little soil away from the base of the roots, and as soon as cultivated they should be weeded. Cultivate and hand weed every two weeks throughout the summer, as it is much easier to handle the crop in the fall when entirely free from weeds. When the tops die, pull the onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off one-half an inch from the bulb.

**One ounce of seed for 100 feet of row; 5 to 6 lbs. seed per acre.**

Book, "Onions; How to Raise Them Profitably." By mail, 20c.

Leaflet on onion culture free with orders when asked for.

**Quality**—The importance of good quality in onion seed is very essential. We feel that our customers cannot afford to take any chance on doubtful seed which is usually low priced. Our manager visited several growers in California last summer and made selections that assure you of dependable stocks. Our prices are not the lowest, though are low for the quality.



Large Red Wethersfield.



Danvers Yellow Globe.

**Danvers Yellow Globe**—Bulbs of medium size, uniformly globe-shaped, with small neck, and ripen very evenly. Flesh white, crisp and of mild and excellent flavor. Our grower has by careful selection and breeding developed a strain which has the ripening habit and small neck of the original Danvers and yet is more globular. **Pkt., 5c; oz., 15c; ¼-lb., 45c; lb., \$1.35.**

**Colorado Yellow Danvers**—In this market the yellow onion is unquestionably the most popular and profitable. It is the best keeper. We have several growers who save a limited amount of seed that is strictly selected. This is the kind we recommend. Onion growers who know the stock consider our price low. The type is globular, grows large and produces well. **Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.**

**Southport Yellow Globe**—This variety is of the same general character and quality as the Southport Red Globe, but the color is a rich yellow. Our stock is very superior in shape, color and evenness of maturity. **Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.**

**Danvers Yellow Flat**—A productive and very extensively used variety of medium size. The skin is coppery yellow in color. The flesh is creamy-white, quite mild and of excellent flavor. The bulbs are flattened yet quite thick with small necks and ripen down very evenly. Still a standard, general crop, yellow onion where a strictly globe-shaped bulb is not demanded. **Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.**

**Colorado Red Globe**—This is a strain of red globe that is increasing in popularity, and being from selected specimens is bound to be satisfactory in color, shape and productiveness. **Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.**

**Large Red Wethersfield**—This is the standard red variety and a favorite onion in the East, where immense crops are grown for shipment. Bulb large, flattened, yet quite thick. Skin deep purplish red; flesh purplish white, moderately fine-grained and rather strong-flavored. Very productive, the best keeper and one of the most popular for general cultivation. The variety does best on rich, moderately dry soil, but on low muck land it is more apt to form large necks than the Danvers. There is no better sort for poor and dry soils. **Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.**

**ONION GROWERS**—Note our low prices for quantity buyers:

5 lbs. any one variety, 10c less per pound postpaid.

10 lbs. any one variety, 15c less per pound postpaid.

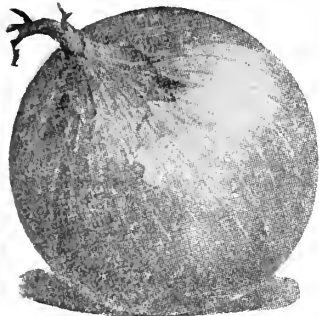
If purchaser pays transportation he may deduct 8c per pound from above special prices.



## ONIONS—Continued

**Southport Red Globe**—The bulbs are of medium size, ideally globe-shaped, with very smooth, glossy surface, small neck and remarkably beautiful, deep red color. The flesh is white, tinged with light purplish pink, mild and tender. Our splendid stock of this onion is the result of years of careful selection. **Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.**

**Extra Early Red Flat**—This variety ripens about 10 days earlier than the large Wethersfield and is rather smaller in size, but close-grained and heavy. **Pkt., 5c; oz., 15c; ¼-lb., 40c; lb., \$1.25.**

**Prizetaker.**

**Silver Skin**—Sometimes known as the White Portugal. A mild, pleasant flavored variety, admirable for family use; not so good a keeper as the dark-skinned varieties. **Pkt., 5c; oz., 20c; ¼-lb., 70c; lb., \$2.60.**

**Southport White Globe**—Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained and of fine flavor. **Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.25.**

**El Paso**—A new variety from Mexico. It grows there to a diameter of 6 inches, weighing two-thirds of a pound; flavored very mildly. Our seed of this variety comes direct from Mexico, bought from growers. Skin of the onion white. **Pkt., 5c; oz., 20c; ¼-lb., 70c; lb., \$2.00.**

**Mammoth Silver King**—This giant sort is the largest of all white onions, no other white variety approaching its mammoth size. Single bulbs often attain weights of from 2½ to 4 lbs. each. The skin is a beautiful silvery white, the flesh a snowy white; so sweet and tender is the flesh that it can be eaten raw. Matures early and is of uniformly large size, perfect shape, and brings a high price in market. **Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75.**

**White Tripoli Italian**—A large, beautiful, pure white, flat onion of mild, excellent flavor. Will produce a somewhat larger onion from seed than our Silver Skin, but to attain their full size the plants should be started very early in a hot-bed and set out in rich soil. **Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75.**

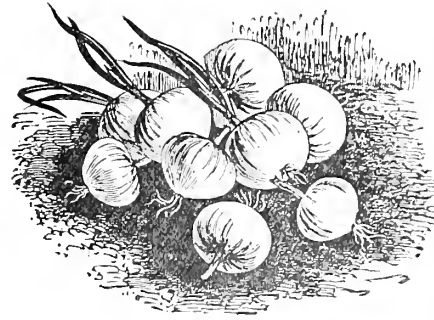
**White Lisbon Bunching Onion**—Sow the seed in July or August, keep cultivated thoroughly; in fall cover with litter. When snow is off the ground rake off the litter and dead tops, scratch the ground gently and the onions will soon begin to show themselves. Will be ready for pulling when the ordinary onion sets are being planted. They do not make much bottom, as they are distinctly a bunch onion; very mild and delicately flavored. **Oz., 15c; ¼-lb., 40c; lb., \$1.25.**

See discount given on page 12 for large onion seed orders.

**Prizetaker—Select Strain.** This handsome variety is a splendid type of the celebrated Spanish fancy onions, which are annually imported into the United States from Spain. The onions grown here quite rival the imported ones in great beauty and enormous size. The outside skin is of a rich yellow color, while the flesh is white, sweet and mild. **Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75.**

**Gigantic Gibraltar**—The handsome large bulbs are nearly globular in shape. Thin skin of light straw color, flesh white, tender and mild. The ripened bulbs are very similar to those of Prizetaker, but will make larger bulbs when grown in the South. The leaves are deep green with a glossy surface and withstands dry weather and the attack of insects better than any other onion grown. **Pkt., 5c; oz., 25c; ¼-lb., 80c; lb., \$2.50.**

## ONIONS—Continued

**Pickling Onion.**

year, retaining to the last their most exquisite flavor. **Pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.65.**

## BERMUDA ONIONS

We are prepared to supply our patrons with new crop true Teneriffe Island-grown Bermuda Onion Seed. The prices may change after this catalogue is printed. We shall be pleased to quote on application and deliver seed in August for large lots.

**Crystal Wax**—A very large silver skin variety; very productive. Truly a white skin. **Pkt., 5c; oz., 35c; ¼-lb., \$1.60; lb., \$3.50.**

**White Bermuda**—Not a true white, since the skin is a straw color. Of medium flat shape. **Pkt., 5c; oz., 25c; ¼-lb., 75c; lb., \$2.25.**

## ONION SETS

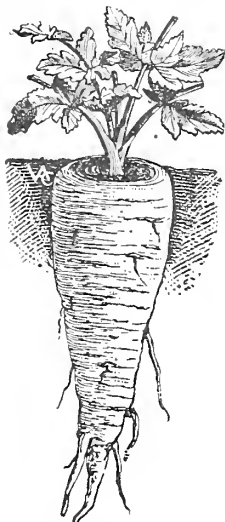
Onion sets or small onions will produce eating size onions much quicker than from seed; are especially suitable for short season districts. We have a very choice stock, clean and sound. One quart will plant 100 ft. of drill. If wanted by mail, add 10c per quart. Per Qt. Per Gal.

<b>Yellow Bottoms</b> , grown from Yellow Dan-		
vers seed.....	20c	60c
<b>Red Bottoms</b> , grown from Early Red		
seed.....	20c	60c
<b>White Bottoms</b> , grown from Silver Skin		
seed.....	25c	75c
<b>White Multipliers</b> , not from seed.....	30c	90c
<b>Perennial or Egyptian Multipliers</b> .....	15c	40c

Special prices quoted for larger lots.

## CHIVES

The chives are small and not very important members of the onion tribe; quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. The chives make the very best border for beds in the vegetable garden, and are not only ornamental, bearing pink flowers and a mass of green leaves, but equal the onion for flavoring soups and salads. **Pkt., 10c; ¼-oz., 25c; ½-oz., 50c. Roots, 15c per bunch, postpaid.**



Hollow Crown

## PARSNIPS

**Culture**—The seed is sometimes slow to germinate and should be sown as early as possible; cover  $\frac{1}{2}$ -inch deep and press the soil firmly over the seed; give frequent cultivation and thin the plants 6 or 8 to the foot. As they are improved by frost, a part of the crop should be left in the ground for spring use. **One ounce will sow 150 feet of drill; 5 pounds to one acre.**

There are really but two types of Parsnip, though several names are offered by seedsmen. The one type we consider best under all conditions is:

**Hollow Crown**—Long, smooth, tender and sugary. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 20c; lb., 60c.**

## PARSLEY

Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, 3 or 4 weeks elapse sometimes before it makes its appearance. It should be sown early in the spring. Sow thickly in rows a foot apart and half an inch deep.

**One ounce to 150 feet of drill.**

**Champion Triple Curled**—The leaves are finely cut and curled and of a dark green color. Extra fine for garnishing and culinary purposes. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.**



**Dwarf Curled Perfecta**—An English variety of great merit. Is uniformly fine curled. Sufficiently dwarf to be a neat pot plant. In mild localities is a biennial. We recommend it. **Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 50c.**

**New Emerald**—The plants are of dwarf, compact growth; the leaves are of a handsome, bright green color, very finely crimped and curled. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.**

**Turnip-Rooted or Hamburg**—The root is the edible portion and resembles a small parsnip in shape and color. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c; lb., 80c.**

## PEANUTS

The **Spanish Peanuts** do well for field crop; are described in detail under heading of Field Seeds.

The **Virginia White** is the most popular for edible purposes.  **$\frac{1}{2}$ -lb., 20c; lb., 30c, postpaid.**

## FIELD PEAS

A very important crop to raise for stock feed. See page 36.

## SEED POTATOES

We have secured a very select stock of leading varieties, all of which we describe in full on page 37.

## POTATOES FROM SEED BALLS

We have the seed balls direct from grower. It will produce an endless variety of kinds, colors and shapes. **Per pkt., 15c, 2 for 25c.** Directions on each package.

## Peas

Peas do best in a sandy soil, not too rich or they will run up to vines. The smooth kinds can be sown as soon as the ground can be worked, but the wrinkled varieties should not be planted till it is warmer or they will rot. Sow in single or double rows from  $1\frac{1}{2}$  to 3 feet apart, dropping a pea every inch and covering from 2 to 3 inches deep. For a succession, sow every 10 days up to July. One pound to 50 feet drill; 90 to 120 pounds to an acre.

**Quality**—Our Peas are northern grown. They are the earliest, hardiest and most productive. Much skill is required to properly grow Seed Peas and experts are employed to handle them. Our stocks are bright, handsome, sound as a dollar and of perfect growth.

**Varieties marked with (\*) are wrinkled.**

Prices for all Peas except where priced otherwise: **Pkt., 5c;  $\frac{1}{2}$ -lb., 20c; lb., 30c; 2 lbs., 55c, prepaid.** If customer pays the transportation, deduct 8c per pound from this price. For larger quantity ask for prices.

**\*Potlatch Peas**—A fine, new variety of great merit. The vines are vigorous, growing 15 to 18 inches high, with dark green foliage. The long pods are a rich dark green in color, often measuring six inches in length, with 8 to 9 enormous peas in a pod. The vines are sturdy and the pods are borne in pairs. It is wonderfully productive and the way the peas shell out is astonishing.

**\*Richard VII**—A grand new dwarf pea from New Zealand. It is unquestionably the most prolific early dwarf wrinkled pea ever cultivated in Colorado. The average height is 20 inches, with many pods to a vine. We recommend it for home gardens. **Pkt., 5c;  $\frac{1}{2}$ -lb., 25c; lb., 40c.**

**Alaska, or Earliest of All**—A variety of remarkable earliness and hardiness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round, smooth peas of splendid flavor. Height, 2 feet. The color of the dried pea is green. It ripens evenly; one picking will nearly clean off the crop.

**First and Best**—This is a reliable early cropper of the hardy smooth-seed variety. Not quite as early as Alaska.

**\*Gradus (Prosperity)**—This grand, large podded, early, prolific variety has won the hearts of market gardeners in every market. The vines are very vigorous and robust, growing to a height of about 3 feet. It is not only an abundant producer, but bears continually throughout the season. It is exceedingly early for a wrinkled variety, being only a few days later than the earliest small, smooth sorts. The pods are very large and are invariably well filled with from 6 to 9 sweet, luscious, tender, wrinkled peas of large size and delicious flavor.  **$\frac{1}{2}$ -lb., 25c; lb., 40c.**

**\*American Wonder**—The vine grows 8 to 10 inches high, and is very prolific in pods of striking form and size. In maturity it is among the earliest of the green wrinkled sorts, ripening in about 50 days from germination.

**\*Nott's Excelsior**—Robust and vigorous in growth, inclined to throw out laterals from the base of the stock, producing in profusion long handsome pods closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific, with larger pods and more peas. Height, 12 inches.

**\*Premium Gem**—An improvement on the Little Gem, being larger and more productive; early in maturing; very luscious in flavor; highly recommended; try it. Height,  $1\frac{1}{2}$  feet.



Early Alaska

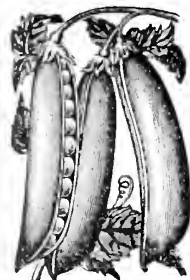
## PEAS—Continued

Prices for all Peas, except where priced otherwise: Pkt., 5c; ½-lb., 20c; lb., 30c; 2 lbs., 55c, prepaid.

**\*Dwarf Telephone or Carter's Daisy**—The striking features of the Daisy Pea are its large pods and the way in which they are heaped up in ridges on the short, strong vines. The pods are nearly double the size of American Wonder or Little Gem, and are always well filled with large peas of most excellent quality. The vines are 16 to 18 inches high, and, being strong and thrifty, require no support, making it an ideal variety for use where brush or stakes are not available.

**\*Stratagem**—Height, 20 inches. The foliage is large and the vines strong and robust, requiring no support. It is very prolific and bears many very large, well-filled pods containing large, dark green, wrinkled peas of rich, sweet flavor. Our stock is very fine and of first-class quality.

**\*Everbearing**—Height, 2½ to 3 ft. As the name indicates, this variety continues long in bearing and is very prolific. The broad pods, which are of a nice green color, average three inches in length. The peas are very large, green, wrinkled and of excellent quality.



Dwarf Telephone

**\*Yorkshire Hero**—Height, 2½ ft. The stout, close-jointed vines are very productive, being thickly hung with round, medium sized, well filled pods about 3 inches long. The large yellowish-green peas are wrinkled and remain fit for use longer than most sorts. They are sweet and tender and never become so hard as some varieties.

**\*Telephone**—This is now the leading pea with market gardeners, as it is in all particulars a market garden variety. It comes into bearing fairly early, yields abundant crops of large, fine appearing pods and peas are sweet and luscious. It is a great cropper, continues long in bearing and fills the basket quickly. The vines grow about 3½ ft. in height, are very vigorous and strong, and have large, coarse, light-colored leaves. Each vine bears on an average seven to ten pods, which are ready for picking in about 65 days. The immense pods are straight, and of fine appearance, and contain eight to nine large, wrinkled peas, closely packed, tender, sweet and of exquisite flavor.

**\*Alderman**—A large podded pea of the Telephone type, though taller growth. Liked by some when long producing variety is wanted.

**\*Champion of England**—Four to five feet in height. This has been considered for a long time the standard main crop or late pea for summer use. The vines are very vigorous and productive, bearing an abundance of large, well-filled pods. The peas are light green, wrinkled, of fine quality and delicious flavor. Hardly any pea is sweeter than this.

**Dwarf Gray Sugar**—This is an edible podded variety. Vines grow only 15 to 18 inches in height, with purplish blossoms. Sugar peas are not shelled, but pods are cooked same as string beans.

**White Marrowfat**—Height, 3½ feet. Grown on account of the great quantities of pods which it bears and for canning purposes. The large, cylindrical, light-colored pods are well filled with round, smooth, light yellow peas of inferior quality, being somewhat dry and mealy. ½-lb., 15c; 1 lb., 25c; 2 lbs., 45c.

**GARDEN PEAS IN QUANTITY**—We are prepared to make very low prices on quantity purchases. Gardeners wanting 10-lb. lots or more should submit us a list of wants

## PEPPER

1 oz. produces about 1,500 plants.

Pepper should be started in a hot-bed, in February or March, and not planted outside till the ground is warm and there is no more danger of frost. Set the plants in rows 2 feet apart and 18 inches in the row. Hoe often and keep the weeds down.

**Ruby King**—Fruits are 6 to 7 inches long by about 4 inches through, of a bright red color. They are remarkably mild and pleasant in flavor, and can be sliced and eaten with vinegar like tomatoes. One of the best for making mangoes. Pkt., 5c; oz., 25c.

**Monstrous Mammoth**—Of cylindrical form, 6 inches long by 2½ inches in diameter. When ripe the fruit is of a beautiful coral red, sweet and thick flesh. Pkt., 5c; oz., 25c.

**Chinese Giant**—An enormous fruiting variety, double the size of Ruby King, averaging 12 to 15 inches in circumference. Notwithstanding its large size, it is very early and very prolific. Flesh is thick, tender, mild and sweet, and is unexcelled for salad or stuffed as mangoes. They can be sliced and eaten like tomatoes. When ripe the peppers are a rich, glossy scarlet, making them of unusually fine appearance. Pkt., 5c; oz., 40c.

**Large Sweet Spanish**—(Bell shaped). A very large sort, of square form, mild, thick and hard; suitable for filling with cabbage, etc., and for a mixed pickle; less pungent than most other sorts. Pkt., 5c; oz., 25c.

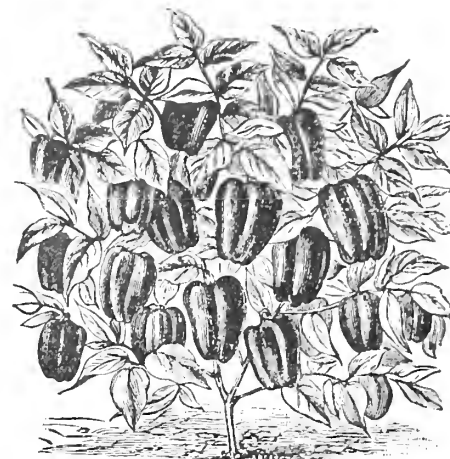
**Golden Dawn**—In shape it resembles the popular Ruby King. It is of a most beautiful golden yellow color, making a very handsome appearance, both in growth and upon the table. Pkt., 5c; oz., 25c.

**Long Red Cayenne**—Fruit brilliant coral red, conical, from two to three inches in length, from three-fourths to one inch in diameter. Very pungent. Pkt., 5c; oz., 20c.

**Anaheim Chili**—This is the popular variety for tamale men's use. Very prolific, with peppers from 6 to 8 inches long, dark red, very mild. Is the best of all chili varieties. Pkt., 5c; oz., 25c.

**Mexican Chili**—This is slightly larger in growth than the Red Cayenne, with larger fruits, three inches in length and an inch in diameter. Bright red, very hot and fiery. Ripens early. Makes the famous Mexican chili. Pkt., 5c; oz., 20c; ½-lb., 60c.

**Celestial**—This pepper has two uses, being both ornamental and edible. The profusely bearing plants produce fruits of constantly changing color. When young they are a creamy yellow and as they mature they become a vivid scarlet. The bushes are an ornament to any garden and the peppers are fine for pickling. May be grown satisfactorily as a pot plant. Pkt., 5c; oz., 30c.



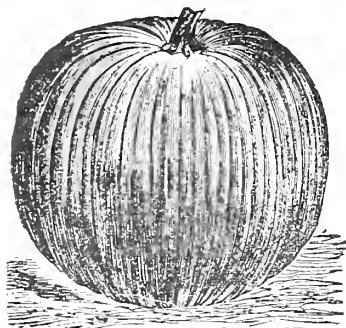
Ruby King

## PEPPER PLANTS

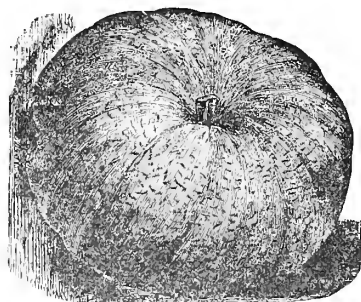
We supply in May good, strong plants of Ruby King and Long Red Cayenne. See page 38.



## Pumpkin



**Sugar Pumpkin**



**Large Cheese**

When the seed is planted with corn, plant only one row in five, which, when the vines begin to run, may be omitted in cultivation and thus the plants will not be injured. Use a dibber and plant three to five seeds in every third hill of corn. Plant as a single crop in hills eight feet apart each way. Cultivate with a section of the harrow. Use paris green and land plaster or wood ashes to control the striped squash bugs. When well established, thin to four plants in each hill.

One ounce of seed will make 25 hills; 4 lbs. seed required for an acre.

**Small Sugar or New England Pie Pumpkin**—A handsome, prolific variety; fruits of small size, averaging about ten inches in diameter, of excellent keeping qualities, flattened and slightly ribbed. Skin deep orange yellow, flesh fine grained and sweet. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.

**Large Cheese**—A popular variety in the South. Fruit flattened, the diameter being two or three times more than the length. Skin mottled light green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.

**Mammoth Tours**—A French variety, which grows to an immense size, often weighing over 100 pounds. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

**King of Mammoth**—The flesh and skin are of a bright golden yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh over 200 pounds. Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.

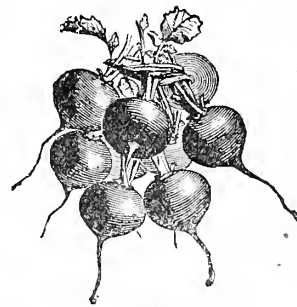
**Japanese Pie**—The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin; usually fine grained, dry and sweet, having much the taste and appearance as sweet potatoes. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured like Japanese characters. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 80c.

**Kentucky Field**—A large round variety, produced in great numbers. Has thick meat of fine quality. Very suitable for canners' use. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c.

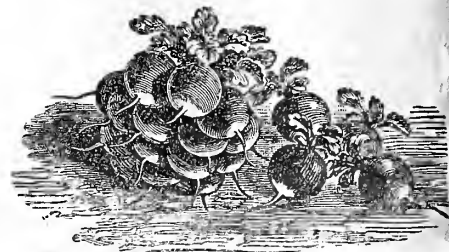
**Large Yellow Field**—The well-known old Connecticut variety. Grows well among corn; varies in shape. Excellent dairy stock food. Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 45c; 3 lbs. for \$1.25, postpaid.

Grow big pumpkins and take prize at your Fair. Try King of Mammoth.

## Radish



**Early Scarlet Erfurt**



**Scarlet Turnip White Tip**

**Culture**—Sow as early in the spring as the ground can be worked and every two weeks throughout the season for a succession of crops. A warm, sandy loam, made rich and light by some good manure, thoroughly rotted. During summer months use summer or winter varieties, as the early kinds get pithy. Winter radishes can be wintered over as easily as any root crop and furnish an acceptable relish. One ounce to 100 feet of drill; 10 pounds to an acre.

## EARLY VARIETIES

**Non Plus Ultra or Fireball**—The earliest forcing radish in cultivation; round, red, tops small; crisp, white flesh. Our Danish seed is the strain for gardeners. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

**Scarlet Erfurt**—Its shape is of the very best type of the round sorts; color of skin a very dark red, white flesh, with small tap roots; one of the best for forcing. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

**Early Scarlet Globe**—This variety makes roots fit to pull as early as Early Scarlet Erfurt, but they are much larger when full size, and for this reason are very popular in some markets. Roots round or slightly olive shaped; color rich, deep scarlet; flesh white and tender. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

**Early Scarlet Turnip, White Tip**—A beautiful variety; deep scarlet with white tip. It is very ornamental for table use, and has become very popular as a market variety. It is of the same size and shape as the Scarlet Turnip. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.

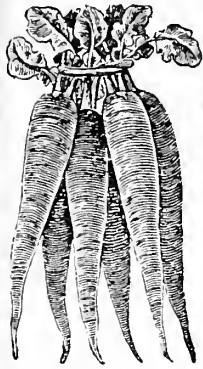
**Early Scarlet Turnip**—A small, round, red, turnip-shaped radish, with a small top and of very quick growth. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.

**Crimson Giant**—A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; beautiful crimson carmine; turnip shaped; flesh firm, crisp and tender. Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.

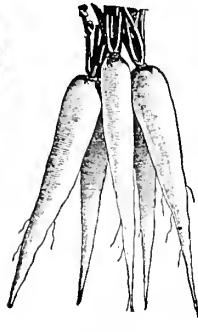
**French Breakfast**—A medium sized radish, olive shaped, with small top, of quick growth, very crisp and tender; of a beautiful scarlet color, except near the root, which is pure white. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.

**Half Long Deep Scarlet**—Red color and half long with a somewhat tapering point; the flesh is very white, crisp and tender, and holds its juiciness well, not becoming pithy till overgrown. Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.

## RADISH—Continued

Long Brightest  
Scarlet

Chartier



Icicle



Celestial

## LONG VARIETIES

**Long Brightest Scarlet**—One of the brightest and handsomest scarlet radishes known, and a decided improvement in earliness and color over other varieties of this class. Roots mature in about twenty-five days from time of planting and continue in good condition until full grown, when they are as large in diameter but a little shorter than Early Long Scarlet; has a small top and can be used for forcing. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**Chartier**—This American variety is one of the very best long radishes for general planting outdoors. Tops of medium size. Roots are in good condition for the table when half an inch thick and continue hard and crisp until they reach a diameter of about one and one-fourth inches, thus affording good roots for a long time. The roots are rather long, averaging seven to eight inches when mature, scarlet rose in color, shading into white at the tip. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**Glass or Cincinnati Market**—The handsomest long red radish for forcing. The tops are so very small that the radishes may stand touching each other in the rows. Their attractive, glossy, scarlet-colored skin is very thin, crisp and brittle; it has a clear, waxy, transparent appearance. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**Long Scarlet Short Top**—Grows 6 or 7 inches long; is very brittle and crisp and of rapid growth. Color bright scarlet, small top, tapers regularly to the root and is uniformly straight and smooth. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**Icicle**—A very attractive, pure white radish, the earliest of the long, white summer sorts and of most excellent quality. The roots are somewhat shorter, with smaller tops than Long White Vienna and mature a little earlier. Roots when mature five to six inches long by about one-half to five-eighths of an inch in diameter. One of the most desirable varieties for outdoor summer planting. It is also adapted for forcing. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**Long White Vienna, or Lady Finger**—An early maturing and attractive long white summer radish of most excellent quality. Tops are of medium size. Roots pure white, slender, smooth and averaging when mature 6 to 7 inches long by about five-eighths to seven-eighths of an inch in diameter at thickest part. Flesh very crisp and tender. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

## WINTER VARIETIES

Seed for these radishes should be sown in July and August in rich, warm, sandy loam. When well up, thin to 3 inches apart in the row and give frequent cultivation. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.

**White Strasburg**—Even when comparatively small this variety is in good condition for use and continues crisp until matured, when the roots are 4 to 6 inches long by 1½ to 2 inches in diameter. This is considered one of the best large white summer sorts. The roots remain in condition for use much longer than the early varieties. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**Early White Giant Stuttgart**—Root large, often 4 inches in diameter; top shaped, skin white, flesh white and crisp and not becoming pithy until very late, so that those not used as a summer radish can be stored for winter use. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**China Rose**—Roots cylindrical, or largest near the bottom; stump rooted, blunt at both ends. Skin smooth, bright deep rose. Flesh white, firm, crisp and pungent. Roots, when fully mature, usually 4 to 5 inches long by about 2 inches in diameter. Very extensively used for fall and winter. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**Celestial or Chinese White**—Roots long, cylindrical, with beautiful white skin and flesh, the whitest and usually the least pungent of the winter varieties. When fully mature, 6 to 9 inches long by about 2½ to 3½ inches in diameter. Flesh compact and crisp. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.**

**California Mammoth White**—Roots white and when fully mature 9 to 12 inches long by 3 to 4 inches in diameter just below the shoulder, tapering regularly to the tip. Flesh firm, crisp, decidedly pungent, but well flavored, keeping well through the winter. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**Round Black Spanish**—Roots round, sometimes slightly top shaped, 3 to 4 inches in diameter; skin black; flesh white, very compact and pungent, but well flavored. Keeps well through the winter. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

**Long Black Spanish**—One of the latest and hardiest long radishes, especially adapted for winter use. Roots rather long, thick, almost black, with white flesh of firm texture, decidedly pungent but well flavored. The roots, when mature, are usually 7 to 9 inches long by 2 to 3 inches in diameter at thickest part. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 70c.**

## RHUBARB or PIE PLANT

One ounce to 500 plants.

The richer the ground the better. Sow in drills an inch deep and thin out to 6 inches apart. In the fall transplant into very highly manured and deeply stirred soil, setting them 4 feet apart each way, and give a dressing of coarse manure every spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed. In removing be careful to pull off close to the roots instead of cutting.

**Linnaeus**—The earliest of all; very productive and highly flavored. **Pkt., 5c; oz., 15c; ¼-lb., 40c.**

**Victoria**—Very large; later than Linnaeus. **Pkt., 5c; oz., 15c; ¼-lb., 40c.**

**Burbank's Crimson Winter**—Recently offered to the public by Luther Burbank. It can be grown in winter indoors. Every lover of this succulent plant should give this variety a trial. **Pkt., 5c; oz., 50c.**

**Rhubarb Roots**—2 years old, having several eyes: 3 for 25c; 12 for 75c, postpaid. If by express, 50c per dozen.

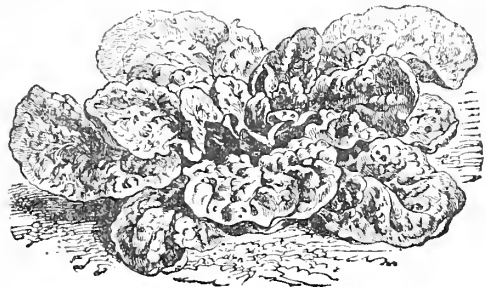
**Crimson Winter Roots**—15c each; 2 for 25c, postpaid.



White Strasburg



## Spinach



**Bloomsdale Savoy Leaved**

Prices for all our varieties, except New Zealand: **Pkt., 5c; oz., 10c; ¼-lb., 15c; lb., 30c, all prepaid. If not prepaid, 1 lb., 20c; 5 lbs. at 18c; 10 lbs. at 15c.**

**Bloomsdale Savoy Leaved**—This is the earliest and perhaps the most hardy. The plant grows upright, keeping well up from off the ground. Has narrow, pointed, crinkled leaves.

**Long Standing**—This excellent variety comes quickly to maturity and remains in condition for use much longer than other sorts. The leaves are smooth and very dark rich green. In our estimation the best for the private garden, as it is one of the most popular and profitable with market gardeners.

**Monstrous Leaved Viroflay**—This variety is generally preferred for early spring sowing, and is popular with the market gardeners. Leaves large, thick and fleshy. Not quite so hardy as the prickly, but stands winter well.

**Round Leaved**—A standard variety with large thick leaves, making it especially desirable where bulk is desired.

**Prickly Winter**—The hardest variety, and will withstand the severest weather, with only a slight protection of leaves or straw. It is the best for fall sowing.

**New Zealand**—Has large wide leaves, grows upright, endures hot weather and permits of picking off leaves all summer. Is different from either above varieties. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 90c.**

**Swiss Chard** makes excellent greens similar to spinach. For description see page 4.

## SALSIFY, or Vegetable Oyster

One of the most desirable winter vegetables. The roots, when cooked, are very palatable and nutritious and are served in a variety of ways. The flavor is similar to oysters. Salsify succeeds best in a light, well-enriched soil, which should be stirred to a good depth. Sow early and quite deep, giving the general culture recommended for parsnip. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring, as they deteriorate rapidly after growth commences. Frost does not injure the roots.

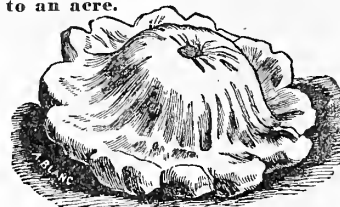
**Mammoth Sandwich Island**—Is large and strong growing with long, smooth, white, tapering roots, and is less liable to branch than other sorts. Tops grassy. It is invaluable for market gardeners' use. **Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50.**



**Salsify**

## Squash

Sow about the middle of spring, in hills, the early sorts about 4 feet apart and the late varieties 6 to 8 feet. Drop enough seeds to be thinned to 3 plants in a hill. The hills should be highly manured and prepared in a similar manner as those for cucumbers. One ounce to 40 hills for small sorts; large varieties, 1 ounce to 30 hills; 4 or 5 pounds to an acre.



**White Bush**

**Mammoth White Bush Scalloped**—An early, flat scallop-shaped variety; color white; fine flavored; very productive. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.**

**Hubbard**—One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted, with very hard shell. Skin uniformly dark bronze green. Flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. It is esteemed by many to be as good baked as the sweet potato. Our stock is carefully selected in regard to quality of the flesh and color of the shell. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., 90c.**

**Chicago Warty Hubbard**—This is one of the best in quality of all winter sorts. Is attractive on the market, and a ready seller. Very dark green, and flesh is dry and sweet. Very hard shell, which insures long keeping qualities. It is considered an improvement on the old type of Hubbard, on account of its warted skin. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Sibley, or Pike's Peak**—Shell is a pale slate color, very hard, but so smooth and thin there is no waste in baking; flesh is solid and thick, a brilliant orange color, dry and of a rich, delicate flavor. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Essex Hybrid**—A superior Turban Squash, always in demand. Of great value as a winter squash, possessing admirable keeping qualities. The flesh is dry, sweet and thick and of excellent flavor. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 80c.**

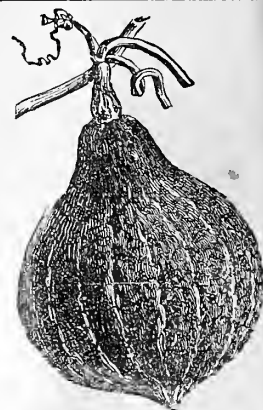
**Boston Marrow**—A much esteemed variety, coming in about 10 days later than the bush sorts; a good keeper of unsurpassed flavor. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 80c.**

**Prolific Marrow**—This Marrow Squash appears to be a valuable acquisition, for, while it is remarkably productive, no variety can compete with it for earliness, it being about 12 days ahead of the Boston Marrow. Its color is most attractive—a brilliant orange red; quality excellent; a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 80c.**

**English Vegetable Marrow**—A variety used extensively in England. The fruit is oblong, with a greenish yellow rind; flesh white, soft and of excellent flavor. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

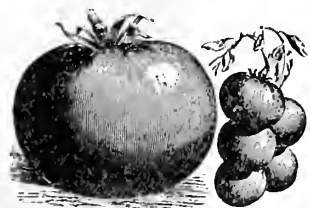
**Mammoth Chili**—Size enormous, often weighing 100 to 200 pounds; very profitable for stock feeding, especially where root crops are grown extensively; remarkably productive. **Pkt., 5c; oz., 10c; ¼-lb., 30c; lb., \$1.00.**

**Field Squash**—This variety comes to us from Utah, where the farmers grow it extensively. Is large, very prolific, produces yellow to cream color, some spotted with green, etc. **Oz., 10c; ¼-lb., 20c; lb., 50c.**



**Hubbard**

## Tomatoes



**Earliana**

as long as the vines will permit. To obtain early fruit, pinch off the ends of the branches when the first fruit is set.

Last season, at the time when tomatoes were at their best, our manager visited the fields of one of the pioneer tomato growers of our country. A careful canvass of all varieties was made, after which we selected the best ten commercial kinds, and offer them to our patrons as the cream of the list. You can't make a mistake in taking them as we have described.

**One ounce produces about 1,500 good plants.**

**Earliana Select**—Our strain of this most valuable first early sort is earlier and decidedly superior to much that is sold as Sparks' Earliana, and the extreme earliness of its large, smooth fruits makes it a particularly profitable tomato for market gardeners. Vine small, but vigorous and productive. Fruits deep scarlet, medium to large, nearly round and exceptionally smooth for so early a variety. The fruit is borne in clusters near the base of the plant and the bulk of the crop ripens very early. We found one plant in our seed field with 37 marketable tomatoes. **Pkt., 5c; oz., 30c; ¼-lb., 90c.**

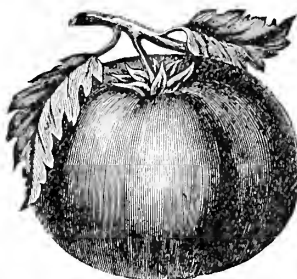
**June Pink**—An extra early, purplish pink tomato similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruits and time of maturing. This is a variety of exceptional value to market gardeners who want an early, purplish pink tomato, either for home market or to ship; also desirable for planting under glass. **Pkt., 5c; oz., 30c; ¼-lb., 90c.**

**Livingston's Beauty**—Our Dependable Selected Stock—Ripens early, has firm flesh of excellent quality, and the seed cells are very small. For shipping and early market it cannot be excelled. May be picked quite green; will ripen up nicely, look well and keep in perfect condition for a week after becoming fully ripe. Cannery depend on this strain for best stock. Gardeners can sell every pound of this variety at a good profit. Our seed is positively the best we can procure. **Pkt., 5c; oz., 25c; ¼-lb., 75c; 1-lb., \$2.25.**

**Stone**—One of the largest and most solid late bright red varieties. Unsurpassed for slicing and canning. **Pkt., 5c; oz., 20c; ¼-lb., 65c.**

**Dwarf Aristocrat**—This is a scarlet Dwarf Champion. The Dwarf Champion size, shape and form is nearly perfect for home use, and, with the brilliant deep scarlet color which we get in the Aristocrat, little is left to be desired. It will be found good under glass and for early market out of doors. It may be planted 3x3 feet or closer, making it suitable for small gardens. **Pkt., 5c; oz., 20c; ¼-lb., 65c.**

**Livingston's Globe**—Early, globe shaped, pink color; excellent for forcing in greenhouse or trellis. Our seed is from Livingston. **Pkt., 10c; ½-oz., 25c; oz., 40c.**



**Select Beauty**

**Ponderosa**—This is the largest fruited tomato and is of a fine quality for slicing. The vines are of strong growth; fruits oblong in form, deep through, and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil, fruits frequently attain a weight of one pound or more. **Pkt., 5c; oz., 30c; ¼-lb., \$1.00.**

**Crimson Cushion**—A continuous and late fruiter. Of immense size, often weighing a pound, and smooth as an apple. Ripens thoroughly all over. Nearly round and of very good quality, being free from acid taste; color, bright scarlet. Nearly seedless and as solid as beefsteak. A prodigious bearer. **Pkt., 5c; oz., 25c; ¼-lb., 80c.**

**Perfection**—(Livingston's). One of the handsomest varieties and those who have grown the large, round, smooth, beautiful red fruit claim it is of superior quality. **Pkt., 5c; oz., 20c; ¼-lb., 60c.**

**Mikado, or Turner's Hybrid**—One of the latest of the good market varieties. The vines are very distinct. Have a potato leaf appearance. In color, this sort is like the Acme, fine, large, smooth fruits. **Pkt., 5c; oz., 30c; ¼-lb., \$1.00.**

**Dwarf Champion**—Sometimes sold as the "Tree Tomato." A second early, purplish pink variety, especially desirable where garden space is limited. Vine about two feet high, vigorous, upright and compact growing. Fruits medium sized, exceptionally smooth and of very good quality. Our stock is a very superior strain, with more even, smoother fruit than the original. **Pkt., 5c; oz., 25c; ¼-lb., 75c.**

**Golden Queen**—Fruits large and smooth; color, a beautiful golden yellow, sometimes with a slight blush of red; as smooth and well shaped as the best of the red varieties and of superior flavor. **Pkt., 5c; oz., 25c; ¼-lb., 75c.**

**Red Cherry**—Fruits small, about five-eighths of an inch in diameter, perfectly round and smooth. Fine for pickles and preserves. **Pkt., 5c; oz., 30c.**

**Yellow Pear**—Fruits similar to the Red Pear, but of rich, clear, yellow color and quite distinct from the variety sometimes sold under this name. **Pkt., 5c; oz., 30c.**

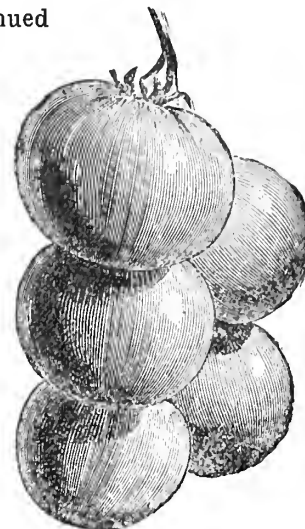
### YELLOW HUSK, OR GROUND CHERRY

Very sweet, mild flavor, used for preserves. Vines low and spreading. Fruits small, about ½-inch in diameter, enclosed in a loose husk. The seed we offer is that of the true Yellow Ground Cherry, not the purple fruited sort which is scarcely edible. **Pkt., 5c; ½-oz., 20c; oz., 35c.**

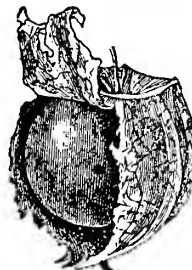
## TOBACCO

**Culture**—Tobacco, in this part of the country, should be started in a hot-bed, in March, and treated the same as tomato.

**Missouri Broad Leaf**—A well-known standard sort, valuable for cigar wrappers. **Pkt., 5c; oz., 25c; ¼-lb., 75c.**



**Ponderosa**



**Husk Tomato**



**Purple Top Strap Leaf**

It especially desirable for forcing.

**Extra Early White Milan**—The earliest in cultivation. The bulb is very flat, of medium size, quite smooth. Is a pure white, thus making

**Early White Egg**—A quick growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and rough leaves. Its smooth white skin and quick growth make it particularly desirable for market purposes. The flesh is very sweet, firm and mild, never having the rank, strong taste of some varieties. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Purple Top (Strap Leaved)**—The standard of this part of the country. Superior for early or late planting. Round, flat, good sized, small top, with but few leaves; flesh very fine grained; flavor good. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Early White Flat Dutch**—This is a popular early turnip for table use for autumn and early winter, but as they become over-ripe with age and in keeping lose somewhat of their succulence, they need to be succeeded by the White Globe or the Amber Globe. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Amber Globe**—One of the best varieties, either for table use or for a field crop for stock. Flesh yellow, fine grained and sweet; color of skin yellow, with green top. Hardy, keeps well, a good cropper, grows to a very large size. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Mammoth Red Top Globe**—Of recent introduction, large size, rapid growth, unusually attractive and admired by all who have seen it. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

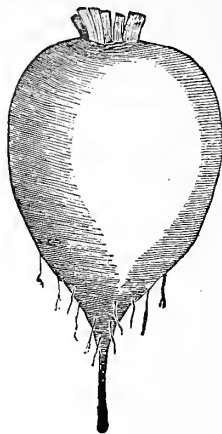
**White Globe Purple Top**—This is a free growing, rough-leaved sort, useful for both table and stock. It is not quite so rapid in growth as the flat varieties, may be expected to come in as a succession in autumn, and is admirable for table use in early winter. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Cow Horn Long White**—This variety is pure white, except a dash of green at the crown, and in shape is long like a carrot and generally crooked, hence its name. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

5 lbs. any one variety at 10c less per pound, postpaid.

## Turnip

Turnips do best in highly enriched, light, sandy or gravelly soil; commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowing may be made for the fall and main crop. One ounce will sow 150 ft. of drill; 1½ to 2 lbs. to an acre.

**White Egg**

## Rutabagas or Swedish Turnips

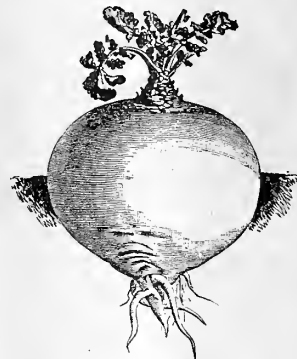
For feeding stock in fall or winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition.

**Pamphlet on Root Crops for Stock Feeding free.**

**Purple Top Yellow**—Standard sort. A first rate variety for table or stock; grows to a large size; flesh firm, solid and sweet, and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Danish Bangholm**—An elongated globe shape yellow skin variety of Danish origin. **Pkt., 5c; oz., 10c; ¼-lb., 25c; lb., 75c.**

**Yellow Aberdeen**—Good keeper, globe shaped, color pale yellow with purple top; very firm in texture; good either for table or stock. Though not a Rutabaga, we class it with them. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 50c.**

**Rutabaga**

## HERBS

Herbs delight in a rich, mellow soil. Sow early in spring in shallow drills, one foot apart; when up a few inches, thin out, cut just before they come into full blossom, tie in bunches and hang up or spread thinly. Utilize the corners of the garden and along the sunny side of fence.

Varieties preceded by an asterisk (\*) are perennials.

**Anise**—Cultivated principally for garnishing and seasoning. **Pkt., 5c; oz., 10c.**

**Basil, Lettuce-Leaved**—The leaves and tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews and sauces. **Pkt., 5c; oz., 15c.**

**\*Balm**—Principally used for making balm tea. **Pkt., 5c; oz., 20c.**

**Borage**—Excellent for bees; a hardy annual; used as a pot herb and its beautiful blue flower as a garnish. **Pkt., 5c; oz., 15c.**

**Caraway**—Seeds are used in confectionery, bread, meats, etc. **Pkt., 5c; oz., 10c; ¼-lb., 20c.**

**Coriander**—Cultivated for garnishing, but more frequently for its seeds, which are used by confectioners. **Pkt., 5c; oz., 10c.**

**Catnip**—Used as a medicinal herb, and also in bee feeding. **Pkt., 5c; oz., 30c.**

**Dandelion (French Common)**—A decided improvement on the wild dandelion. Very early and vigorous in growth. **Pkt., 5c; oz., 20c; ¼-lb., 60c.**

**Dill**—The leaves are used in soups, sauces and with pickles. **Pkt., 5c; oz., 10c; ¼-lb., 20c; lb., 60c.**

**\*Fennel**—The leaves, boiled, enter into many fish sauces, and, when green, form a beautiful ornament. **Pkt., 5c; oz., 10c.**

**\*Horehound**—Used for medicinal purposes and candy. **Pkt., 5c; oz., 20c.**

**Hyssop**—Perennial, aromatic flower and pungent flavor. **Pkt., 5c or 20c.**

**\*Lavender**—A popular aromatic herb. **Pkt., 5c; oz., 15c.**

**Marjoram, Sweet**—Used for seasoning. **Pkt., 5c; oz., 15c.**

**\*Rue**—Medicinal purposes and for soup in poultry. **Pkt., 5c; oz., 15c.**

**Rosemary**—An aromatic herb. **Pkt., 5c; oz., 35c.**

**Summer Savory**—Used for seasoning. **Pkt., 5c; oz., 10c.**

**Saffron**—Used in dyeing, has strong medicinal properties. **Pkt., 5c; oz., 10c.**

**\*Sage, Broad-Leaved**—The leaves and tender tops are used in flavorings and dressings. **Pkt., 5c; oz., 15c; ¼-lb., 50c.**

**Thyme**—Used for seasoning, also medicinal. **Pkt., 5c; oz., 30c.**

**\*Wormwood**—Especially good for poultry. **Pkt., 5c; oz., 25c.**



# General List in Alphabetical Order of our "DEPENDABLE GRADE" FLOWER SEEDS



This list includes the leading varieties of popular, easy growing flowers. We have omitted undesirable kinds; however, should you want any kind not named here, please write us

**Annuals** grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

**Hardy Annuals** are those which can be sown in the open ground.

**Half-Hardy Annuals** are those which should be started early in the house, conservatory or hot-bed, and transplanted to the garden in settled, warm weather.

**Biennials** grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

**Hardy Biennials** will winter in the open ground without protection.

**Perennials** grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

**Half-Hardy Biennials** require the protection of a cold frame or cool house during winter.

**Hardy Perennials** can remain in the open ground during winter without protection.

Six of any 5c packets for 25c, or three 10c packets for 25c, postpaid.

**Half-Hardy Perennials** require the protection of a cold frame or cool house during winter.

**Tender or Greenhouse Perennials** require window or greenhouse culture, free from frost during winter, and thrive in the garden during the warm months.

## CULTURAL DIRECTIONS

Cultural directions are printed on the backs of nearly all packets.

Flowers usually succeed best in a sandy loam, made rich with well-rotted manure, which should be made fine and thoroughly mixed with the soil. A soil thus prepared will remain moist and loose, so that flower seeds, which are generally small and delicate, will germinate and grow with vigor.

At any time we will cheerfully supply any information as far as we are able pertaining to gardening or floriculture, and solicit correspondence from our customers. We have a leaflet on "Annuals from Seed," free with flower seed orders if asked for when ordering.

ALL FLOWER SEED SENT PREPAID ON RECEIPT OF PRICE.



Acroclinium

### ACROCLINIUM (Everlasting)

This beautiful flower somewhat resembles the Rhodanthe, but the flower heads are of larger size. It is largely used for winter bouquets, for which purpose the flowers should be cut before they are fully expanded. Half hardy annual. Mixed, pkt., 5c.



Alyssum

### AGERATUM

A valuable plant on account of the length of time it remains in bloom, and for contrast of color with the more brilliant varieties. It blooms constantly all summer in the garden. A hardy annual. Mexicanum. Light blue. Pkt., 5c.

### ALYSSUM

One of the most popular hardy annuals, used especially for edging and also valuable for cutting on account of the fragrance of flowers.

**Sweet**—Pure white; 6 inches; June to November. Pkt., 5c; 1/2-oz., 15c; oz., 25c.

**Little Gem**—The dwarfest and best for design bedding; plants very compact and bushy, and grow only 3 inches high. Pkt., 5c; 1/4-oz., 15c; oz., 50c.

### AMARANTHUS

Valuable for its varieties of handsome foliage, whether grown in conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Hardy annuals.

**Tricolor (Joseph's Coat)**—Leaves yellow, red and green; very showy in beds alone; 2 feet high. Pkt., 5c.

**Caudatus (Love Lies Bleeding)**—Blood red, drooping, 2 ft. high. Pkt., 5c. Many kinds mixed: 1/2-oz., 15c; pkt., 5c.



Antirrhinum

### ANTIRRHINUM (Snapdragon)

One of the most desirable flowers for its variety of colors and succession of bloom, lasting from July until severe frost. The plants should be protected in winter, as they usually survive and bloom finely the second year. Our stock is very choice. Height, 1 foot. Perennial.

**Tall**—Mixed colors. Pkt., 5c; 1/2-oz., 25c.

### ASTERS

No family of plants bears such distinct marks of progress as the Aster, and none are more eagerly sought. The seed should be sown early in spring and the young plants transplanted from 1 to 2 feet apart, according to the height and size. Recently we selected the cream of varieties. You can depend on our seed as being fresh and true. Hardy annual; 15 to 20 inches. Free cultural leaflet when asked for.

**Giant Branching Comet**—Splendid for cut flowers, different in many respects from any other Asters. The flowers are very large, on long, stiff stems, and very double; colors are distinct and handsome. 1/2-oz. Pkt.  
**White**—Very double and beautiful.....\$ .25 \$ .10  
**Crimson**—A true color...... .25 .10  
**Pink**—Neat for bouquets...... .25 .10  
**Light Blue**—Very attractive color...... .25 .10  
**Lavender**—A popular color...... .25 .10  
**Giant Branching Mixed**—All colors...... .20 .10  
**Daybreak**—Flowers are large, shell pink color...... .25 .10

**Royal Striped Aster**—Beautifully large curled leaf blossom on long stems; flowers are light background with ribbon stripe of lavender down center each narrow leaf. Pkt., 10c.

**All Kinds Mixed**—Many kinds mixed by the grower. 1/4-oz., 30c; pkt., 5c.



Giant Branching





Canterbury Bells

**BALSAM**

Magnificent conservatory or outdoor plants, producing their gorgeous masses of beautiful, brilliant colored flowers in the greatest profusion. The soil should be of the richest possible character. Tender annuals.

**Double Camelia Flowered Mixed**—Very select strain. **Pkt., 5c.**



Calendula



Giant Empress



Castor Beans



California Poppy

**Dependable Mixture of Named Varieties**—From prize-winning stocks as selected by the grower. **Pkt., 10c.**

**BEANS—FLOWERING**

Will run over fence or trellis and grow 12 to 15 ft. high. Seeds are edible.  
**Scarlet Runner.** **Lb., 35c; ¼-lb., 15c; pkt., 5c.**

**BEGONIAS—TUBEROUS ROOTED**

Tender perennial. A great variety of colors. We have imported seed of both single and double, in separate packages. **Pkt., 25c.**

**CALENDULA (Pot Marigold)**

This splendid variety has large double flowers, beautifully imbricated, resembling in size and form the finest Aster. Each petal, of pale straw color, is regularly marked with a stripe of bright, deep orange. Blooms profusely with a succession of flowers from July till frost. It comes true from seed, and is one of the best hardy annuals. Height, 12 inches. **Pkt., 5c.**

**CALLIOPSIS**

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as fast as they appear, the plant will remain in bloom much longer. Height, 2 feet. Hardy annual.

**Single, Mixed Colors.** **Pkt., 5c.**

**Double, Mixed Colors**—This is especially attractive. **Pkt., 5c.**

**CANTERBURY BELLS**

Very ornamental garden plants of easiest culture. Excellent for cutting. Produce large, bell-shaped flowers of exquisite colors. Hardy biennial; 2½ ft.

**Campanula Medium**—Mixed. **Pkt., 5c.**

**CANARY BIRD FLOWER—Tropaeolum Canariensis**

One of the best climbing plants, with graceful foliage of a delicate shade of green, with small canary yellow flowers; when half expanded, have a fanciful resemblance of canary birds. Height, 12 feet. Half hardy annual. **Pkt., 5c.**

**CANNA**

Stately plants, with foliage of elegant growth, presenting a luxuriant and tropical appearance. Height, 3 feet. The seeds should be cut at one of the ends about 1-16 inch and then soaked in warm water for 24 hours. Tender perennial. We have a special leaflet on Canna Culture, free with orders if asked for.

**Crozy Hybrids**—Mixed colors. **Pkt., 5c.**

**For Bulbs,** see page 40.

**CANDYTUFT**

All the colors of Candytuft are desirable for bouquets, especially the white, for its form, fragrance and profusion of bloom. Height, 1 foot. Hardy annual.  
**Giant Empress, Hyacinth Flowered**—Pure white, large. ½-oz., **25c; pkt., 5c.**  
**Dwarf Hybrids**—Many colors, very dwarf. **Pkt., 5c.**  
**Mixed Colors.** **Oz., 15c; pkt., 5c.**

**CARNATION**

This seed will produce a fine variety of colors, with flowers of good size and substance. Height, 18 inches. Half hardy perennial.

**Double**—Mixed colors. **Pkt., 10c.**

**Burbank's Marguerite**—Blooms in 4 months from time of planting. Seed direct from Burbank. **Pkt., 10c.**

For Carnation Plants, see list of Plants, page 39

**CATCHFLY (Silene Armeria)**

A showy, free flowering plant, with bright, dense heads of flowers, growing well in common garden soil. Adapted for border, circular beds and ribbons. Height, 18 inches. Hardy annual. **Mixed.** **Pkt., 5c.**

**CASTOR BEANS (Ricinus)**

A luxuriant, expansive foliage plant of tropical appearance, that should have a place in every garden affording the requisite space. The leaves are very large, palmate and strikingly elegant. Height, 6 to 10 feet. Tender annual.

**Ricinus Sanguineus**—Large, red. **Oz., 15c; pkt., 5c.**

**Ricinus Zanzibariensis**—New Zanzibar, a giant, a large leaved variety; seed direct from Burbank. **Oz., 20c; pkt., 5c.**

**CALIFORNIA POPPY (Eschscholtzia)**

One of the most brilliant flowers grown. Plants procumbent, forming dense, bushy masses with a succession of flowers from July until after severe frosts. Height, 1 foot. Hardy annual.

**Choice Mixed.** **Oz., 25c; pkt., 5c.**

**Burbank's New Crimson**—A handsome new variety. The crimson flowers are charmingly splashed and shaded with a rich deep gold. One of the showiest for borders or beds. **Pkt., 10c.**

**CALCEOLARIA**

Has large, beautifully spotted blossoms. A tender perennial, as pot plants **Pkt., 25c.**

**CINERARIA**

A greenhouse plant of wonderful beauty; flowers are very rich in diversity of colors. Seed in original German packets. **Per pkt., 25c.**



**Imperialis****CENTAUREA**

An exceedingly interesting genus of plants, embracing annuals, biennials and perennials. Some of the varieties are magnificent foliage plants, while others are noted for their beautiful flowers.

**Imperialis (Giant Cornflower)**—This beautiful class is undoubtedly the finest of all Sweet Sultans. The beautiful sweet scented, artistic shaped flowers are borne on long, strong stems, and when cut will stand **Annual Chrysanthemum** for several days in good condition. Half hardy annual; 2 to 2½ ft. **Lavender, White, Yellow, Mixed.** ½-oz., 30c; pkt., 10c.

**CENTAUREA CYANUS (Bachelor's Button)**  
A well-known, free blooming annual. Our seed contains a good assortment. **Pkt., 5c.**

**EMPEROR WILLIAM CORNFLOWER**

The rich deep blue Bachelor Button. **Pkt., 5c.**

**CENTAUREA—Dusty Miller**

These are grown for foliage only, and make excellent plants for edgings. They are hardy annuals and grow rapidly. The leaves are very lanced and are silver coated.

**Candidissima**—Thick white leaves. 1 foot. **Pkt., 10c.**

**Gymnocarpa**—Fine fern-like leaves, very graceful. 1 foot. **Pkt., 5c.**

**CHRYSANTHEMUM—EARLY ANNUAL**

The glorious and showy autumn-blooming chrysanthemums, which are now so much admired and cultivated, have their relatives among the summer annuals, which are easily raised from the seed. The plants can be raised by sowing the seed early where the plants are to stand. **Mixed. Pkt., 5c.**

**CHRYSANTHEMUM—PERENNIAL**

**Japanese**—For late autumn blooming in the house, after the frost has destroyed all the bright colors in the garden there is no flower to take the place of this finely shaped double flower produced in profusion. Height, 18 to 24 inches.

**Double, mixed colors. Pkt., 25c.**

Plants of Perennial Chrysanthemum can be furnished in all colors. Ask for prices.

**COBAEA SCANDENS**

Popular climbing tender perennial, flowering the first season. Large, purple, bell-shaped flowers appear in great profusion during the fall months. Foliage very graceful. 20 feet. **Pkt., 5c.**

**CLIMBERS—MIXED**

For the convenience of customers wanting an assortment of climbers, we have assembled seed of popular annuals that climb from 3 ft. to 12 ft., and offer it at very low price. Try it on fence or old stump, also trellis. ½-oz., 25c; pkt., 10c.

**CLEOME, OR SPIDER PLANT**

Better known in the West as "Rocky Mountain Bee Plant." It is the emblem flower of the Colorado State Bee Keepers' Association. Has a very attractive flower in shades of pink and crimson on tall branching plants. A splendid honey plant. **Oz., 25c; pkt., 5c.**

**Rocky Mountain Columbine****Coreopsis****Dwarf Morning Glory****COREOPSIS**

**Lanceolata Grandiflora**—Flowers large, single, golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting from better than any other plant; at the same time it is always graceful. Hardy perennial. It can be grown freely from seed and does well when treated as an annual. **Pkt., 10c.**

**COLUMBINE—ROCKY MOUNTAIN**

Colorado's emblematic flower. Needs to be seen to be appreciated. The flower petals lay open more flat than the common Columbine. Color is a light blue, in very high altitudes nearly white. Hardy perennial. We are headquarters for this seed and furnish the true *Aquilegia Coerulea*. **Pkt., 10c.**

Can supply Roots at 20c each, or three for 50c, by mail.

**Garden Columbine**—Single and double varieties of different colors, mixed. Hardy perennial. **Pkt., 5c.**

**CYPRESS VINE**

One of the most beautiful of the climbers; fine delicate cut foliage, dotted with small, scarlet, star-shaped flowers. For covering pillars, trellis work, etc., is not surpassed for grace and beauty. Height, 8 feet. Tender annual. **Mixed Colors. Pkt., 5c.**

**COCKSCOMB (Celosia)**

Annual plants of tropical origin, and one of the most satisfactory and showy plants for garden decoration, bearing in the greatest profusion spikes of beautiful, feather-like blossoms. In this class is included the well-known Cockscomb Annuals. 24 to 30 inches.

**Plumosa, Feathered**—Very fine mixed. **Pkt., 5c.**

**Cristata Tail**—Extra fine mixed. **Pkt., 5c.**

**CONVOLVULUS MINOR (Dwarf Morning Glory)**

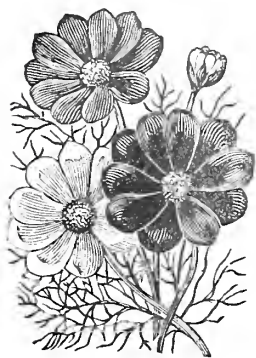
A trailing procumbent plant with flowers of rich shades of blue, in some specimens rivaling the Pansy in richness of color, finely shaded with yellow and white. In bloom from July till after severe frosts. Height, 10 inches. Half hardy annual. **Pkt., 5c.**

**COLEUS**

A very useful foliage plant. Our seed produces in great variety. Tender perennial. **Pkt., 25c.**

Book free—"HOME FLORICULTURE," 174 pages, if you order a Dollar's worth of Flower Seeds in Pkts. or Ounces.





Cosmos



Double Dahlia



Delphinium

**COSMOS**

It is a show in the garden and magnificent when cut. They are very pretty for vases and often last a week after cut. Formerly we had to be content with the late flowering type, which was often killed by early frost. Now that we have a most perfect type of the early flowering class, every garden should contain this exquisite flower.

**White**—A very clear white of large size. **Pkt., 10c.**

**Pink**—A delicate shade. **Pkt., 10c.**

**Crimson**—Very pronounced in color; attractive. **Pkt., 10c.**

**Mixed**—Many colors selected by growers. **Oz., 40c; pkt., 5c.**

**Giant Cosmos**—Late bloomers, though very attractive, with tall growth. In many shades and colors. **Mixed. Oz., 25c; pkt., 5c.**

**DAHLIA**

They are all of easy cultivation, growing freely in most any soil from seed sown in the spring. Height, 4 to 5 feet. Half-hardy perennial. **Double**, finest mixed, **pkt., 10c.** **Single**, finest mixed, **pkt., 10c.**

**MOUNTAIN DAHLIA**

A new species from Burbank. Fiery scarlet. **Pkt., 15c.**

**For Dahlia Bulbs**, see pages 41-42.

Ask for free special cultural leaflet when ordering Dahlia seeds.

**DAISY (Bellis Perennis)**

Charming little plants for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Not all will come double from the seed, and the single ones should be pulled out. Height, 6 inches. Tender perennial. **Double**, mixed, **pkt., 5c.** **Longfellow**, double, pink, **pkt., 10c.** **Snowball**, double, white, **pkt., 10c.**

**BURBANK'S SHASTA DAISY—Alaska**

This well-known and free-flowering variety produces blooms fully 4 inches across, singly, on long stems (nearly 2 feet) and are much used for cut flowers. Our seed is direct from Burbank and very select. Perennial. **Pkt., 10c.**

**DELPHINIUM (Hardy Perennial Larkspur)**

This variety of Larkspur, being perfectly hardy, we recommend its cultivation, and, since having visited the growing field in California, we encourage our friends in planting liberally of our mixed stock, which includes blue in different shades, creamy white, pink, etc. Sow in pots or boxes, then transplant to open ground. Hardy perennial; 4 feet. **Pkt., 5c.**

**EVERLASTING FLOWERS—Mixed**

Finding a growing demand for Everlasting Flowers, we have arranged with a grower for a quantity of mixed seed; thus you get all kinds in this mixture. Order a packet now. **Pkt., 10c.**

**FUCHSIA**

German seed, in original packets. **Each, 25c.**



Forget-Me-Not



Gaillardia, Annual



Gilia

**FEVERFEW (Matricaria)**

A free-flowering, half-hardy perennial plant, growing 18 inches in height. Seed sown early in the spring in the open ground will produce flowers by fall. These are desirable for cut flowers. Plants bloom freely when grown in pots in a cool room. **Double White**, **Pkt., 5c.**

**FOUR O'CLOCK (Marvel of Peru)**

The plants are large and require 4 feet space; makes a pretty hedge. Some of the varieties have beautifully variegated leaves. Will grow in any common garden soil, from seed sown in open ground. Hardy annual; 2 feet high. All colors, mixed. **Pkt., 5c; oz., 15c.**

**MYOSOTIS (Forget-Me-Not)**

Half-hardy perennial, which flowers the first year from seed if sown early. Will bring forth lovely blossoms throughout the whole summer and fall. Flowers are borne on long, stiff stems and of the most exquisite sky-blue, with a delicate white center. They succeed best with moisture in a somewhat shaded position. **Alpestris**, **Blue**, **Pkt., 5c.**

**FOX GLOVE (Digitalis)**

Showy and useful plant for the border; flowers borne in tall spikes, or thimble shaped, of all colors; new plants may be obtained by dividing the roots. Height, 2 feet. Hardy biennial. **Grandiflora**, mixed colors. **Pkt., 5c.**

**GAILLARDIA**

The annual varieties should be sown where are to remain. They bloom from early until late fall and produce a profusion of brilliant flowers.

**Annual Varieties—Mixed**; 1½ feet high. **Pkt., 5c.**

**Perennial Grandiflora**—Mixed; produces large, brilliant colors of orange, crimson, scarlet and vermilion. Does best when treated as a biennial; 2 feet high. This seed is direct from Burbank. **Pkt., 10c.**

**GILIA**

Color azure blue and light blue, shaded with yellow and white. Their size, shape and delicate color make them useful for bouquets. In bloom from the first of July till after severe frosts have destroyed most of the other annuals. Height, 18 inches. Hardy annual. Mixed colors. **Pkt., 5c.**

**GERANIUM**

Many varieties are produced from German seed, which we supply in original packets. **Each, 25c.**



Ornamental Gourds



Hollyhock

**GOURDS**

A great variety of curiously formed and marked fruits; the vines are of rapid growth and with luxuriant foliage; adapted for covering screens, arbors, etc. Height, 10 to 12 feet. Tender annual.

**Dipper**—When ripe makes an excellent dipper. Oz., 20c; pkt., 5c.

**Nest Egg**—Ripe fruit resembles a nest egg. Oz., 20c; pkt., 5c.

**Ornamental Varieties**—Mixed. Oz., 25c; pkt., 5c.



Japanese Hop



Ice Plant



Lobelia

**GLOXINIA HYBRIDA**

Tender greenhouse perennial; flowers are in varied and rich colors. Pkt., 25c.

**GYSOPHILLA**

Pretty, free-flowering, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers. 2 feet. **Elegans (Angel's Breath)**—An annual producing white blossoms. Pkt., 5c. **Grandiflora Paniculata (Baby's Breath)**—White flowers, fine for bouquets; one of the favorite hardy perennials. Pkt., 5c.

**HELICHRYSUM**

One of the best of the immortelles; good shape, size and a variety of desirable colors—yellow, sulphur, cream, white, pink, rose, red and crimson. Retain their natural shape very perfectly when dried. In bloom from July till destroyed by frosts. Height, 18 inches. Hardy annual. Mixed. Pkt., 5c.

**HELIOTROPE**

A well-known, popular greenhouse plant, fine for bedding, vases or baskets and exquisite for pot culture in winter. Flowers purple, borne in trusses, and exceedingly fragrant. Half-hardy perennial. Fine Mixed. Pkt., 10c.

**HOLLYHOCK**

A great variety of brilliant colors, combining richness and delicacy in a remarkable degree; flowers large and densely double, remaining a long time in bloom. Is one of the best and most ornamental of the perennials. Height, 5 feet. White, pink, crimson, lilac and other shades, mixed by us. Pkt., 10c.

**HYACINTH BEAN**

Splendid climber, of purple and white flowers, which are followed by exceedingly ornamental seed-pods. It is of rapid growth and often runs 15 feet in a season. Height, 10 to 15 feet. Tender annual. Mixed. Pkt., 5c.

**ICE PLANT**

Dwarf plant of procumbent or trailing habit, finely adapted for vases, rock works, etc. The surface of the foliage is covered with panicles resembling crystals of ice glistening in the sun, forming a curious and attractive display. Height, 6 inches. Tender annual. Pkt., 5c.

**MOURNING BRIDE (Scabiosa)**

One of the best flowers for bouquets; plants of dwarf habit and compact; the flowers borne on long, wiry stems. A great variety of colors from white to very dark purple, almost black. In bloom from August till after severe frosts. Height, 24 to 30 inches. Hardy annual.

**Tall**—Double mixed. Pkt., 5c.

**JAPANESE HOP (Humulus Japonicus)**

A rapid growing, perfectly hardy annual climber of the hop family, of the easiest culture and indispensable for covering unsightly objects, or verandas, trellises, etc. Sows itself after the first year. Variegated leaves. Pkt., 5c.

**JOB'S TEARS (Coix Lacryma)**

Curious ornamental grass from East India, with broad corn-like leaves and seeds of light slate color, wonderfully lustrous. Height, 3 feet. Hardy annual. The hard seeds are frequently used in strings for teaching babies and also in making rosaries. We have some beautiful seed. Lb., 60c; ¼-lb., 20c; oz., 10c. Pkt. for planting, 5c.

**KOCHIA (Mexican Burning Bush)**

Also known as Standing Summer Cypress. Has symmetrical shape and numerous small red flowers. Pkt., 5c.

**LARKSPUR**

A fine variety of colors—shades of blue, red and others striped and mottled. The flowers are produced in spikes, which are continually pushing out from the main stem and branches, furnishing an abundance of bloom through the season. Height, 2 feet. Hardy annual. Our stock was selected after careful inspection of several fields. Double Tail Branch Mixed. Pkt., 5c.

**LANTANA**

Rapid-growing plants; the flowers are borne in Verbena-like heads, embracing every shade of pink, purple, orange and white. Half-hardy perennial. Height, 3 feet. Hybrid—Mixed. Pkt., 5c.

**LINUM (Scarlet Flax)**

Flowers are deep crimson with black center, saucer shaped, and very conspicuous in bed and border. The foliage of the plant is slender and delicate, and the flowers produce very little seed. Height, 1¼ feet. Hardy annual. Pkt., 5c.

**LOBELIA**

An elegant and useful class of plants of dwarf, compact growth, bearing a profusion of delicate flowers. In bloom through the summer and autumn. Make a neat and effective edging for geraniums and ornamental leaved plants; pretty for baskets and vases and piazza decorations. Height, 6 inches. Half-hardy annual. Gracilis—Light blue flowers. Pkt., 5c.

**ORNAMENTAL GRASSES**

Ornamental Grasses are very useful for cutting, when fresh, for summer bouquets, and also dry well for working with everlasting flowers. This assortment includes the most delicate and graceful varieties. All mixed. Pkt., 5c.



**Marigold**

**Marigold**—A showy plant of compact, symmetrical growth, handsome foliage and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark, rich colors of maroon and brown. Flowers are 1½ to 2 inches in diameter, full double to center, and cover the plant profusely. Half-hardy annual.

**Mignonette**

**Tall African Mixed**—Large, double, 3 to 4 ft. high. ½-oz., 15c; pkt., 5c.

**Dwarf French Mixed**—Small flowers in abundance; 1 ft. high, especially suitable for borders. ½-oz., 15c; pkt., 5c.

**MIMULUS**

These flowers are remarkable for their rich and beautiful markings and spots; well adapted for vases, pots and baskets, and also for open culture in the garden. Height, 1 foot. Half-hardy perennial.

**Moschatum**—Musk plant; musk-scented leaves, tiny yellow flowers. Pkt., 5c.

**MIGNONETTE**

One of the most popular flowers, indispensable for the garden; is suitable to almost any location and soil, furnishing its fragrant blossoms continuously through the summer and until after severe frosts. Height, 1 foot. Hardy annual.

**Giant Machet**—The best for all purposes, indoors and out. Is an ever-bloomer. Our stock is very select. ¼-oz., 25c; pkt., 5c.

**Golden Queen**—Spikes are very dense, large and of golden red color; very fragrant. ½-oz., 25c; pkt., 5c.

**Grandiflora**—Large flowering, mixed colors. Oz., 20c; pkt., 5c.

**MORNING GLORY**

The Morning Glory is too well known to need a description, and one seldom finds a more satisfactory vine. Succeeds under almost all circumstances. Hardy annual.

**Tall Morning Glory**—All colors. Mixed. ¼-lb., 25c; 1 oz., 15c; pkt., 5c.

**Dwarf**—Grows about 1 ft. Mixed colors. Pkt., 5c.

**Japanese, or Imperial**—Are beyond question the most beautiful of all the Morning Glories; the colors range in every shade of solid colors, as well as spotted, splashed, flaked and marbled. They are of easiest culture; given a sunny position, in rich soil, they will soon cover a large space with their handsome foliage. Flowers are gigantic size. Our seed comes direct from Japan. Oz., 20c; pkt., 5c.

**Moon Flower (Ipomoea Noctiflora)**—The true Moon Flower is the most vigorous of all the summer climbers; a single plant can easily be made to cover, by August 15, a trellis 30 to 50 feet high and 6 feet broad, with a dense mass of leaves, studded every night or cloudy day with hundreds of beautiful white and wax-like flowers 4 to 6 inches in diameter. Height, 30 to 50 feet. Our seed is the early flowering—best for our country. Tender annual. Pkt., 10c.

**MARGUERITE DAISY**

Known as Paris Daisy. A hardy perennial, doing well from seed. Has a Marguerite flower, white with yellow eye. Pkt., 10c.

**Japanese Morning Glory****Nasturtiums**

**Black Prince**—Velvety black flowers with dark foliage.

**Dunnett's Orange**—Bright orange flowers.

**Heinemanni**—A chocolate color of great beauty, very odd.

**Jupiter, or Sunlight**—Large, magnificent, golden yellow.

**Pearl**—A standard color of creamy white.

**Prince Henry**—Light yellow, marbled, scarlet flowers.

**Regelianum**—Rich crimson, best of the scarlets.

**DEPENDABLE MIXTURE OF TALL VARIETIES**

All the choicer varieties are included. This mixture can't be made better. It contains named varieties from both European and American growers. Pkt., 5c; ½-oz., 10c; 1 oz., 15c; ¼-lb., 40c; lb., \$1.25.

**Tall Mixed**—Good mixture. 1 oz., 10c; 2 oz., 15c; ¼-lb., 25c; lb., 70c.

**Dwarf or Bush Varieties**

Suitable for borders, also in beds, window boxes, etc. Sweet scented and very lasting. Grow about 1 foot high.

**Prices same as for Tall Varieties.**

**Beauty**—Strong scarlet, splashed with canary color.

**Bronze**—The flowers are of burnt bronze color and the foliage dark colored.

**Empress of India**—Crimson blossoms, quite dark, with dark foliage.

**Golden King**—An attractive pure golden yellow.

**King Theodore**—Velvety red flowers with dark foliage.

**Pearl**—Creamy white; a great favorite.

**Vesuvius**—Salmon rose.

**DEPENDABLE MIXTURE OF DWARF VARIETIES**

Contains all the named varieties and others offered by our grower. Nothing better. Pkt., 5c; ½-oz., 10c; 1 oz., 15c; ¼-lb., 50c; lb., \$1.50.

**Dwarf Mixed**—Many shades. 1 oz., 10c; 2 oz., 15c; ¼-lb., 25c; lb., 75c.

**Dwarf Golden Foliage Mixture**—A charming novelty of unusual beauty, the contrast between the clear golden yellow foliage and the flowers being most remarkable. This mixture contains all colors originated to date and all our customers should include at least a packet to become familiar with this new sort. Pkt., 5c; oz., 20c.

**NIGELLA (Love in the Mist)**

Curious and interesting free-flowering plant of the easiest culture, growing in any garden soil. Will easily self sow each season. Hardy annuals. Mixed, of blue and white. Pkt., 5c.

**NICOTIANA AFFINIS**

A handsome genus of garden plants of the tobacco family. Half-hardy annual, 3 feet high. Flowers white. Pkt., 5c.





Giant Pansy

For spring plants the seed may be sown broadcast from July to September. Cover the seed very lightly with fine soil and press in with a board; then mulch the seed bed with long, loose, strawy manure to a depth of 3 or 4 inches. The seed will be up in about 10 to 15 days; then remove the straw a little at a time. Transplant the seedlings to beds or frames in September or October, and after a sharp frost, late in November or early December, provide a light or loose mulch of hay, straw or litter. The seed may also be sown indoors in January or February, or in spring in the open ground, in a shady, cool spot where the plants can be protected from the strong mid-day sun. The soil should be very rich and liberal applications of bone meal should be given from time to time.

A cultural leaflet telling all about Pansy culture given with orders when asked for.

Our seed is purchased from reliable growers in Europe and America. The higher priced packets are the kinds that produce the largest flowers.



**Our Dependable Giant Market Mixture**—In this we include stock of Benary's Masterpiece, also Tool's Giants, with the best of Bugnot's Giants, making a combination unexcelled for florists who wish to lead their market in beautiful giant flower pansies.  $\frac{1}{8}$ -oz., \$1.25; pkt., 25c.

**Cassier's Giant**—3 and 5 blotched. Usually light shades and dark blotches. Very large flowers; strong growing. Pkt., 20c.

**Bugnot's Large Blotched**—A magnificent strain of large flowers. The petals are of velvety appearance, bearing large deeply colored blotches. Pkt., 15c.

**Giant Trimardeau**—In separate colors. Price for either,  $\frac{1}{8}$ -oz., 40c; per pkt., 10c.

**Black**—King of Blacks. A real black, very velvety and exceptionally large.

**Blue**—Emperor William; ultramarine blue with purple eye.

**Bronze**—Giant Auricule. A golden bronze, much admired.

**Purple**—Giant Purple. Deep royal purple. Adds much to assortment in pansy bed.

**White**—Snow Bird. Pure white with dark eye. Very attractive.

**Yellow**—A beautiful clear yellow with dark eyes.

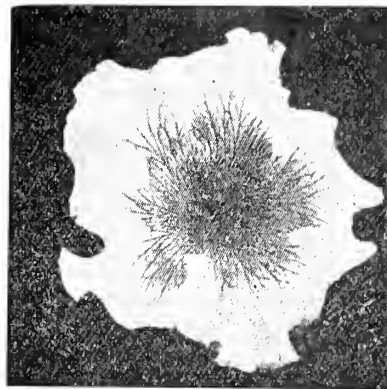
**Trimardeau Varieties Mixed**—The above colors, also others, carefully mixed. 1 oz., \$2.25;  $\frac{1}{4}$ -oz., 60c;  $\frac{1}{8}$ -oz., 35c; pkt., 10c.

**German Mixed Pansy**—A good mixture of popular colors in varieties that are hardy and strong growers. The blossoms average smaller than the Giants.  $\frac{1}{4}$ -oz., 25c;  $\frac{1}{8}$ -oz., 15c; pkt., 5c.

Pansy Plants can be supplied in April, May and June. See page 39.

## Pansy

For spring plants the seed may be sown broadcast from July to September. Cover the seed very lightly with fine soil and press in with a board; then mulch the seed bed with long, loose, strawy manure to a depth of 3 or 4 inches. The seed will be up in about 10 to 15 days; then remove the straw a little at a time. Transplant the seedlings to beds or frames in September or October, and after a sharp frost, late in November or early De-

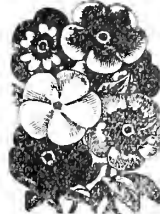


Giant Single Petunia

**Double Petunia**—This is a mixture of the best large flowering and fringed double petunias. Seed is saved from plants grown in pots carefully pollinated and will produce grand flowers. Of course, everyone knows only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent of doubles, while the remainder will be choice, large single flowers. The weaker seedlings should be carefully saved, as those invariably produce the finest double flowers. Pkt., 25c.

**Petunia Plants of Double and Giant Single furnished in May.** See page 39.

**Single Petunia (Hybrid)**—The single varieties in ordinary size blossom are very attractive for beds, in a mass. Our stock carries an assortment of colors, some blotched and striped with many hybrids. Mixed. Pkt., 5c.



Phlox Drummondii

No flower excels this in all the qualities that make a popular annual. Brilliant and varied colors, continuous and profuse bloom, being one of the last to succumb to the frosts of late October; it is excellent for bouquets, all combine to place it in the list of the best half dozen flowers for garden decoration. Height, 18 inches.

**Phlox Drummondii**—Mixed.  $\frac{1}{4}$ -oz., 15c; pkt., 5c.

**Phlox Drummondii, Grandiflora**—Large flowering; many named varieties included. Mixed.  $\frac{1}{4}$ -oz., 25c; pkt., 10c.

**Star of Quedlinburg**—Mixture of star-shaped flowers Pkt., 5c.

### PHLOX PERENNIAL

The varieties of Perennial Phlox are among the choicest of our flowers for bedding and border plants. They are perfectly hardy and need no protection, and will flourish in any soil, succeeding better, however, in deep, rich, rather moist ground. Seed germinates very slowly.

**Finest Mixed.** Pkt., 10c.

**For Phlox Roots,** see page 45.

### PASSION FLOWER

A most interesting and well-known order of climbers, bearing singularly beautiful flowers. Tender climber, 12 to 15 feet.

**Passiflora Corruela.** Pkt., 10c.

## Petunias

They commence flowering early and continue a mass of bloom throughout the whole season, until killed by frost. Of late the single striped, mottled varieties have been greatly improved, and the cut gives but a faint idea of their beauty. Hardy annuals, though can be carried over indoors very satisfactorily. Average, 18 to 20 inches high.

**Giants of California**—The flowers are very large and the colors are of every combination conceivable. On our visit to the grower we counted 12 distinct colorings and many more that varied slightly. This stock is superb. Pkt., 25c.

**Giant Fluffy Ruffles**—Are the giant flowered with beautifully fringed and ruffled edge, in many combinations of colors. Our seed is direct from the grower. Pkt., 25c.



Chinese Pinks



Paeony Poppy



Oriental Poppy



Single Portulaca



Salpiglossis



Salvia

## PINKS or DIANTHUS

One of the most popular and magnificent flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The annual varieties may be sown out of doors when danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until frost. 1 foot.

**Chinensis** (Chinese or Indian Pinks)—Large double flowers in great variety of colors.  $\frac{1}{4}$ -oz., 15c; pkt., 5c.

**Imperialis**—Double blossom; mixed colors.  $\frac{1}{4}$ -oz., 15c; pkt., 5c.

**Heddewigii** (Japanese Pink)—Double; mixed colors.  $\frac{1}{4}$ -oz., 15c; pkt., 5c.

**Heddewigii**—Single; mixed colors.  $\frac{1}{4}$ -oz., 15c; pkt., 5c.

**Laciniatus**—Single Wonder Pinks; the flowers grow to immense size, even 3 to 4 inches diameter.  $\frac{1}{4}$ -oz., 20c; pkt., 5c.

**Grass Pinks** (Clove or Perennial Hardy Pinks)—These are very hardy, free flowering and very sweet scented. Suitable for permanent beds along driveway, etc. Flowers are in great variety of colors in double, semi-double and single; mixed.  $\frac{1}{4}$ -oz., 25c; pkt., 10c.

## POPPIES

No other flower produces a more brilliant display of color during the blooming period. Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. If constant blossom is desired, successive sowings should be made every two weeks.

**Single Mixed**—Includes an assortment of single varieties. Oz., 15c; pkt., 5c.

**Paeony Flowered**—Large, showy, double, globular flowers, resembling a double Paeony, mixed colors. Oz., 20c; pkt., 5c.

**Shirley, Single**—These charming poppies range in color extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson. Oz., 30c; pkt., 5c.

**Tulip**—Large tulip-shaped flowers of dazzling scarlet; makes a very attractive showing. Oz., 25c; pkt., 5c.

**Empress of India**—Produces large single flowers of white, with a small band of scarlet around the top. Very beautiful and novel. Pkt., 5c.

### HARDY POPPIES

**Oriental Hybrids**—For brilliancy of color there is nothing to equal these flowers, all of enormous size, often measuring 6 inches in diameter, while colors range from soft blush and rose to the most brilliant scarlet and richest maroon purple. Their culture is extremely simple, they are perfectly hardy, living through our winters with little protection and increasing in size and beauty every year. All varieties mixed. Pkt., 10c.

## PORTULACA (ROSE MOSS)

There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued, brilliant colored Portulacas. They are in bloom from about the first of July until killed by frost in autumn. Tender annual. Height, 6 inches. The double always produces some single flowers. Double, mixed, pkt., 10c; Single, mixed, pkt., 5c.

## PYRETHRUM AUREUM (Golden Feather)

One of the best plants for edging, grown for its beautiful yellow foliage. Is perennial, though usually treated as an annual; 6 in. Will self sow.  $\frac{1}{4}$ -oz., 20c; pkt., 5c.

## PRIMROSES

Tender perennials for indoor use only. Our seed is carefully selected.

**Primula Obconica Grandiflora**—Free blooming single flower. Pkt., 20c.

**Primula Sinensis**—Chinese Primrose. German seed. Pkt., 25c.

**Evening Primrose (America)**—Burbank's, tender annual. Snow white, opening toward evening. Pkt., 15c.

## SALPIGLOSSIS GRANDIFLORA VARIEGATED

This half-hardy annual is a much neglected flower and should be cultivated more extensively. The trumpet-shaped blossoms are of many rich shades and colors, all beautifully veined. Blossoms keep in water 4 to 6 days. Our stock showed fully 15 different shades and all especially large blossoms.  $2\frac{1}{2}$  to 3 ft. high. Note our low price.  $\frac{1}{4}$ -oz., 20c; pkt., 5c.

## SALVIA SPLENDENS (SCARLET SAGE)

The Salvia is a standard bedding plant that keeps the garden bright with color until late in autumn. It makes a good pot plant, does well in window boxes, and is useful for cutting to give color. Its best use, however, is as a hedge or border plant.  $1\frac{1}{2}$  to  $2\frac{1}{2}$  feet.  $\frac{1}{4}$ -oz., 50c; pkt., 10c.

## SENSITIVE PLANT (MIMOSA)

An interesting and curious plant, with globular heads of pink flowers, well known for the extreme irritability of its leaves and footstalks, which close and droop at the slightest touch, or in cloudy, damp weather and during the night. Start in hot-bed, in pots, and transplant into a warm situation, 6 inches apart. Tender annual, 2 feet high. Pkt., 5c.

## SMILAX

Sow in shallow boxes in light soil at any season of the year. The seed often germinates slowly, lying sometimes three or four months before it all comes up. When fit to handle, transplant into shallow boxes or small pots. Pkt., 10c.



Sweet William



Fancy Double Sunflower



Sweet Violet

**STOCKS (Gilliflower)**

To have them bloom early, start in hot-bed and transplant out in June. They blossom late in the season when sown in open ground. Hardy annual; 1 foot high.

**German Ten Weeks Mixed.** Pkt., 5c.

**Select Dependable Large Flower—Mixed.** Pkt., 10c.

Plants of our select grade of Stocks supplied in spring, as per page 39.

**SWEET SULTAN**

A handsome annual resembling a thistle blossom, borne on long, slender stems. In bloom from July till October. Height, 2 feet.

**Mixed.** Pkt., 5c.

**SWEET WILLIAM**

The seed can be planted very early in the spring in open ground, and will blossom the following autumn, or it can be sown in August and will make fine blooming plants for spring. The plants will bloom several years, but young plants bloom better and seeds should be sown every year. Hardy perennial; 1½ feet high.

**Double Mixed.** Pkt., 10c. **Single Mixed.** Pkt., 5c.

Plants of Sweet William ready in April. See price list, page 44.

**SUNFLOWER—HELIANTHUS**

Is useful and likewise ornamental. A row across the garden will help to keep away miasma and gives a supply of chicken feed.

**Mammoth Russian, Selected Seed.** Oz., 5c; ¼-lb., 10c; lb., 25c, prepaid.

**Fancy Double—**A really beautiful blossom. 1 oz., 10c; pkt., 5c.

**Mixed Sunflowers—**A great variety of single and double, in many shades of color. Pkt., 5c or 15c.

**STRIPED CORN**

Burbank's Rainbow Corn, has beautifully striped leaves varying in crimson, yellow, white, green, etc. Excellent for center beds. Pkt., 15c.

**THUNBERGIA (Climbing Black-Eyed Susan)**

A trailing or climbing plant with flowers of various shades of yellow and white, having a dark center or eye. Suitable for vases or hanging baskets for piazza decorations. Height, 4 feet. Pkt., 5c.

**SWEET VIOLET**

A single flower will perfume a whole room. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. The violet is an emblem of faithfulness. Hardy perennial. Height, 4 inches. Blue. Pkt., 10c.

## Verbena

A half-hardy trailing perennial of very easy culture. While we supply plants from our nursery as priced in other part of this catalogue, we would say that you can get excellent results from seed by sowing indoors in February or March, transplanting to open in April or May. Better select a location where you wish Verbenas each season since the seed will often self sow. Especially suited as a border plant.



**Mammoth Flowered—**When recently in California we visited a grower making a specialty of Verbenas. One lot of Mammoths was visited where the floweret averaged the size of a silver quarter; the colors were in great variety, including the Auricula

Flowered and also Striped Varieties. We engaged the seed at once and now can supply this extra select stock in mixture—no need for you to buy separate colors and varieties, as you get them all in this mixture. ⅛-oz., 25c; pkt., 10c.

**Good Mixed—**Equal to many so-called Mammoths. ¼-oz., 25c; pkt., 5c.

**WALLFLOWER**

The large, massive spikes of the Wallflower are very conspicuous in beds and borders, and are very useful in making bouquets. They are deliciously fragrant and combine many shades of color—the orange, purple and chocolate predominating. Height, 18 inches. Tender perennial.

**Double, Mixed, pkt., 10c. Single, Mixed, pkt., 5c.**

**WILD CUCUMBER**

Ornamental climbing cucumbers with curious fruit, remarkable for its luxuriance and rapidity of growth. Height, 15 feet. Half-hardy annual. Pkt., 5c; oz., 15c; ¼-lb., 40c.

**WISTARIA VINES**

One of the quickest growing climbers, of fine bright foliage, producing bunches of rose lilac flowers in great abundance during spring. If once started will live for years. Hardy perennial. Height, 20 feet. Pkt., 10c.

For Wistaria Vinc Roots, see page 46.

**ZINNIA**

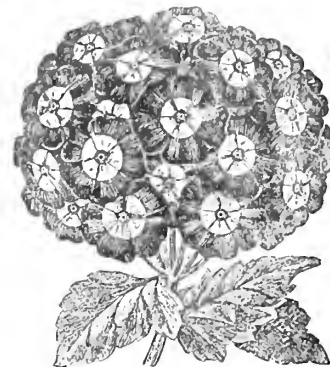
Half-hardy annual, growing 18 to 24 inches, of easy culture. The blossoms are in great variety of colors. We have omitted the common sorts and offer our patrons select stocks only.

**Curled and Crested—**A good strain of very attractive colors. Many have curled petals with mottled markings. Mixed colors. Pkt., 5c.

**Grandiflora Robusta—**Giant blossoms like Dahlias. Mixed. Pkt., 10c.

### WILD FLOWER GARDEN MIXTURE

Consists of a great assortment of easy and quick-growing annuals, suitable for a wild flower garden. The assortment will produce blooms all the season, making it especially suitable for sowing along walks, roadside and on untidy bare spots to substitute for weeds. You should plant liberally of this. Help beautify the unsightly places. Pkt., 5c; oz., 15c; ¼-lb., 50c.



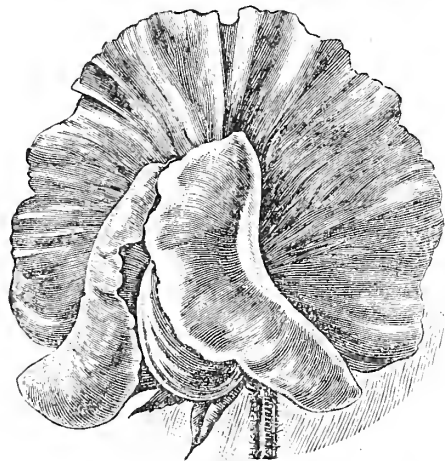
Mammoth Flowered



# SWEET PEAS

The Great American Flower Reaches its Greatest Perfection in Colorado

## GIGANTIC SPENCER VARIETIES



This new strain of Orchid Flowering produces blossoms of perfect form on long stems. The flowers are often 1½ to 2 inches in diameter, 3 and 4 on a stem. This strain is so superior to the once popular Grandifloras that florists and professional gardeners cultivate Spencers only.

Complete cultural leaflet on Sweet Peas given with each order if asked for.

Our seeds are grown by the very best growers and our stocks are equal to any. We test every lot before sending out. You can depend on us.

We have the cream of the entire list.

**Prices for Spencer Varieties:** Large pkt., 10c, 3 for 25c; ½-oz. pkgs., 15c, 4 for 50c; 1-oz. pkgs., 30c.

**Apple Blossom Spencer**—The vigorous vines are fairly loaded with large, handsome waved flowers. The standard is bright rose, wings are primrose with flush of rose tint.

**Asta Ohn Spencer**—Is a charming soft lavender suffused with mauve. Flowers very large. Averages four fine blossoms on a stem.

**Countess Spencer**—A soft rosy pink, deepening towards the edge. Is the original Spencer and one of the best today. A beautiful, large flower.

**Captain of the Blues, or Waverly Spencer**—Pure purple; the margin of the petals is marbled, well waved and crinkled.

**George Herbert Spencer**—The flowers are bright rosy carmine, of the largest size and usually four on a stem. A magnificent Spencer.

**Helen Lewis Spencer**—The orange rose wings roll and fold. The orange standard is ruffled and often measures two inches across.

**Kling Edward Spencer**—The best pure red. The unusually large wings make the flowers appear truly gigantic. The stems are stiff; usually carry four blooms.

**Mrs. Rutzahn Spencer**—A beautiful blending of straw color, tinted with flush pink and shading to apricot color. Wings are very large.

**Mrs. Walter Wright Spencer**—A beautiful shade of deep mauve, the color changing as the blooms mature.

**Othello Spencer**—The flowers are a rich deep maroon, beautifully waved and crinkled. Is a strong grower, producing well.

**Primrose Spencer**—Clear primrose, beautifully waved; flowers very large, usually four on a stem. Wings are crinkled.

**Prince of Wales Spencer**—Wings are a pure, rich rose crimson, standards have a tint of cherry red. Exceptionally large, with long stem.

**Queen Alexandra Spencer**—A rich, bright scarlet; flowers are of largest size, magnificent in every way. Our stock is select.

**Senator Spencer**—The color is a combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope.

**White Spencer**—Produces in greatest profusion pure white waved flowers. The best white.

## SPENCER VARIETIES MIXED

This mixture carries all our Spencers and several other true Spencers supplied to us in moderate quantities. Is a well balanced mixture. We recommend it. Large pkt., 5c; oz., 25c; 2-oz. pkg. for 40c; ¼-lb. pkg., 75c; ½-lb. pkg., \$1.25, postpaid.

## UNWIN, OR HOODED SHAPE SWEET PEAS

A distinct type of very attractive blooms. The flowers are hooded shape with waved edges. Usually long stems with three and four blossoms. Some dealers erroneously call this type Spencers. Note our very low prices.

**Any Unwin Named Varieties:** Per pkt., 5c; oz., 20c; ¼-lb., 60c; lb., \$1.75, postpaid.

**Chrissie Unwin**—A self-colored cherry scarlet. The standard is waved. While the blossom is a little under size, it is beautiful.

**E. J. Castle**—Is a rich carmine rose with salmon shading in the standard.

**Frank Dalby**—A lovely light lavender with bald, wavy standard and widely spreading wings beautifully fluted.

**Gladys Unwin**—A beautiful light pink. Very profuse bloomer.

**Nora Unwin**—A pure white of great merit. The waved flowers are usually three on a stem and quite uniform in size and shape.

**Phyllis Unwin**—Beautiful magenta rose on long, stout stems. Has open, wavy form blossoms.

## UNWIN VARIETIES MIXED

Includes the leading Unwin varieties, mixed by the grower. Pkt., 5c; oz., 15c; ¼-lb., 50c; lb., \$1.50, postpaid.

## EARLY FLOWERING, OR CHRISTMAS SWEET PEAS

These bloom from the time plants are a foot high till end of season. Especially suited for indoor forcing as well as outdoor use. If you want first blossoms of the season, plant a few of these.

**Prices:** Per large pkt., 10c; ½-oz., 15c; 1 oz., 25c.

**Christmas White**—A large, beautiful white.

**Mont Blanc**—A very satisfactory white.

**Christmas Pink**—Pink with white shade.

**Blanche Ferry**—(Earliest of all). Pink and white.

**Mrs. Alexander Wallace**—Lavender.

**Mrs. F. J. Dolanski**—Daybreak pink.

**Early Flowering Varieties, Mixed.** Pkt., 5c; oz., 20c.

## DWARF CUPID, OR BEDDING SWEET PEAS

Sown as a border they form a line of emerald green foliage a little over a foot wide and from 5 to 6 inches high, and from June until late summer are literally a sheet of bloom, and, from the fact that they cover the ground so closely, they are not so likely to suffer from drought as the tall sorts.

**Mixed Colors.** Pkt., 5c; oz., 20c; ¼-lb., 50c.

## PERENNIAL or HARDY SWEET PEAS

They have not the fragrance of the other Sweet Peas, but bloom through a long season and are especially fine for trellis, arbor or fence. Are hardy and will live for years.

**Pink, white and purplish red mixed.** Large pkt., 10c; ½-oz., 20c; 1 oz., 35c.

INNOCULATE YOUR SWEET PEA SEED WITH FARMOGERM TO GET BEST RESULTS. TRIAL SIZE PACKAGE, 50c, POSTPAID.

# GRANDIFLORA SWEET PEAS---Large Flowering Varieties

We are truly Specialists  
in Sweet Pea Seed

## All the Best Named Varieties

The varieties listed below are the cream of all known sorts. Only those are included in our collection which produce flowers of the finest form and largest size. Every shade and color amongst Sweet Peas will be found. All inferior varieties have been discarded.

Cultural leaflet free with orders when asked for.

We buy our seed direct from the best growers and thus are enabled to sell very low for strictly dependable fresh seeds.

Prices for all the Grandiflora named varieties: Large pkt., 5c; 6 pkts. for 25c; oz., 10c; a 2-oz. pkg. for 15c; 6 1-oz. pkgs., all different, for 50c; ¼-lb. pkg., 25c; ½-lb. pkg., 45c, postpaid.

One ounce will sow 10 ft. of drill, double row.

### WHITE

**Dorothy Eckford**—Best of all the whites, large hooded form; 3 on a stem.

**Emily Henderson**—A very free bloomer, pure white.

### PINK AND WHITE (Bi-Color)

**Blanche Ferry**—Early, wings are white, standard pink, medium size.

### PINK SHADES

**Janet Scott**—Clear, deep, bright pink; hooded form, very large; lovely deep pink shaded to light. A charming color.

**Apple Blossom**—Standard is crimson pink shaded deeper toward center rib. Wings white, shaded to pink.

**Queen of Spain**—A delicate peach blossom pink with slight apricot color. Very beautiful.

### SCARLET

**Queen Alexandra**—Very intense bright red, almost scarlet; giant size; free bloomer.

**King Edward VII**—Bright red, open form, very large, with long stems.

### ROSE PURPLE SHADE

**Mrs. Walter Wright**—Rosy purple, beautiful; large, hooded form.

IF YOU ARE COMPETING FOR PRIZES IN SWEET PEA FLOWER EXHIBITS, CONSULT US REGARDING VARIETIES.



### PRIMROSE SHADES

**Hon. Mrs. E. Kenyon**—A beautiful primrose yellow color.

**Stella Morse**—Buff, having a faint tinge of pink underlying the cream, producing a true apricot shade.

### LAVENDER

**Lady Grisel Hamilton**—Standard light mauve, wings lavender, hooded form

### BLUE AND PURPLE SHADES

**Captain of the Blues**—Standard clear purple, wings blue, hooded form.

**Duke of Westminster**—Deep rose maroon, wings have tint of violet.

**Lord Nelson**—Indigo and violet, richer than the old navy blue, semi-hooded

**Flora Norton**—Bright, clear blue with faint tint of purple.

### MAROON

**Othello**—Very deep velvety maroon, best of the dark colors.

### STRIPED

**America**—White, striped with scarlet, open form.

**Senator**—Purplish maroon, heavily striped on a white ground. Darkest of the striped varieties.

### ORANGE

**Miss Willmott**—Orange pink with veins of deeper orange rose, large; best

**Henry Eckford**—Almost a clear orange, extraordinary, open form.

### PICOTEE EDGED

**Phenomenal**—Very large with fluffy standard and wings, white ground shaded and edged with lilac.

**Dainty**—On first opening appear to be white, but quickly change to white with pink edge.

## OUR SWEET PEA MIXTURES FOR 1914

Most people like as large a variety of blossoms as they can get and yet not buy separate colors. In order to meet such requirements and at the same time supply strictly choice bloomers we have selected named varieties, including several Unwins and Spencers—the very cream of all sweet peas—and put out under our seal as

### DEPENDABLE CHAMPION MIXTURE

Positively no better mixture in existence. Pkt., 5c; 1-oz. pkg., 15c; 2-oz. pkg., 25c; ¼-lb. pkg., 35c; ½-lb. pkg., 60c; 1-lb. pkg., \$1.10, postpaid.

### SELECT GRANDIFLORA MIXTURE

Consists of all Grandiflora varieties, well blended, in an assortment of colors. Is equal to most mixtures put out as "Special," "Select," etc. Note our very low prices.

1-oz. pkg., 10c; 2-oz. pkg., 15c; ¼-lb. pkg., 25c; ½-lb. pkg., 45c; 1-lb. pkg., 85c, postpaid.



# GRASS, GRAIN AND FIELD SEED DEPARTMENT

Values are constantly changing. We will fill orders at prices named if market will justify; however, when contemplating quantity purchases, please write us for latest prices

All Grass, Grain and Field Seeds are Net F.O.B. cars, Denver. Sacks included. If wanted by mail add for postage 8c per lb. Seeds do not take zone rates, but are permitted to carry zone quantities in a package. *These prices do not include postage*

## LAWN GRASS SEED

A nice velvety lawn adds more to the beauty of a place than any other adornment, and even the humblest home may be made attractive with such surroundings, while without a good lawn even the finest flowering plants and elegantly arranged beds seem insignificant. How important it is then to plan for the best lawn obtainable.

### CHAMPION LAWN GRASS MIXTURE

This is a combination of grass seeds suited to grow together and make good, soft, velvety lawn of green, fresh color. This seed will make quick growth, and, after once up, will soon spread and cover the entire space when seed is sown according to directions and averaging one pound to an area of 150 square feet. **Pound carton, 30c; 3 lbs., 80c; 5 lbs., \$1.25; 10 lbs., \$2.50; 25 lbs., \$5.00. Postage extra.**

### KENTUCKY BLUE GRASS

In the western states this grass is used very extensively for lawns. It certainly makes a handsome lawn of uniform growth. Where supply of moisture is ample and weather not too hot, we recommend it, and thus have provided a supply of strictly fancy recleaned seed that averages 24 pounds per bushel.

**Dependable Grade Fancy Kentucky Blue Grass: Pound carton, 25c; 3 lbs., 65c; 5 lbs., \$1.00; 10 lbs., \$2.00; 25 lbs., \$4.50. Postage extra.**

**Sun Dried, 27-lb. Grade Fancy Kentucky Blue Grass**—Never before have we been able to supply seed of this grade. One pound is equivalent to near two pounds of average grade in respect to sowing, besides it is the cleanest possible. Government test pronounces it positively free from weed seeds. Sold only in sealed packages. **1 lb., 35c; 3 lbs., \$1.00; 5 lbs., \$1.50; 10 lbs., \$3.00; 25 lbs., \$6.25. Postage extra.**

### WHITE CLOVER

This is the only Clover seed that should be used in lawns. Our imported seed is true Dutch. **¼-lb., 15c; ½-lb., 25c; 1 lb., 50c. Postage extra.**

### BERMUDA GRASS

In the South and Southwest this grass is used extensively for lawns. It is very persistent in growing and survives the hottest dry weather. Used also to bind sod on terrace and loose soils. Three to four pounds is sufficient for an acre; it need be sown very carefully; some transplanted. **¼-lb., 25c; ½-lb., 40c; 1 lb., 75c. Postage extra.**

**Gold Link Mixtures**—Prepared in accordance with soil conditions, which can be arranged and quoted on application.

**Meadow Fescue, also Perennial Rye Grass** are used extensively in lawns. Both are priced on page 33.

**For Lawn Fertilizers, see page 52, and for Lawn Mowers, Lawn Requisites, see page 55.**

## RECLEANED GRASS SEED

In order to supply the cleanest and purest seed possible, we have installed our own cleaning machinery and thus reclean all our grass, clover and field seeds, endeavoring to supply strictly **Dependable Seeds**. The cleanest are never too good. We are in sympathy with the government in demanding reasonably clean, good seeds. Clean, pure, carefully grown and selected seeds necessarily cost more than the low grades. Our prices are honest values. You doubtless can buy stocks for less price than ours. Which are going to give you best results?

### TIMOTHY

Timothy does splendidly in Colorado—8 to 10 pounds per acre is sufficient. If with Red Clover, use 5 lbs. with 7 lbs. clover. A splendid combination is 5 lbs. Timothy, 4 lbs. Alsike, and 3 lbs. Red Clover. Prices for our Dependable Grade Timothy: **Lb., 15c; 10 lbs. for \$1.00; 25 lbs. for \$2.25.**

### BROME GRASS (Bromus Inermis)

A very hardy pasture grass, in either high or low altitudes. Ask for special literature. Sow 16 to 20 lbs. per acre. **Lb., 25c; 10 lbs. for \$2.00; 25 lbs. for \$4.50.**

### ORCHARD GRASS

Does well anywhere. Grows quickly. Good to mix with alfalfa. Sow 15 to 20 lbs. per acre. **Lb., 25c; 10 lbs., \$2.00; 25 lbs., \$4.50.**

### JOHNSON GRASS, OR GUINEA GRASS

While this is classed as a pest in certain districts of the South, it finds a welcome farther north where it can be cropped for hay, especially on dry lands. Sow 25 to 30 lbs. per acre. **Per lb., 20c; 10 lbs. for \$1.50; 25 lbs. for \$3.50.**

### RED TOP

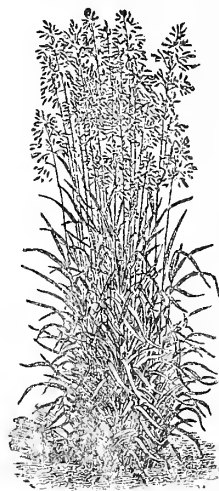
We have the fancy cleaned or solid seed, of which 12 to 15 lbs. will sow an acre. **Per lb., 30c; 10 lbs. for \$2.70; 25 lbs. for \$6.25.**

### SEEDERS

The only really suitable seeder for sowing Orchard Grass, Meadow Fescue and Brome Grass is the Wheelbarrow Seeders as described and priced on page 59.

### CAHOON SEEDER

The Cahoon Broadcast Seeder is the neatest, inexpensive seeder we know of. Sows Timothy, Alfalfa, Clover, also grain seeds, very satisfactorily. **Price, \$3.25, not prepaid.**



Brome Grass



**GRASS SEEDS—Continued****MEADOW FESCUE**

Known in some localities as English Blue Grass. Is valuable as a pasture grass; also hay. Is exceptionally hardy and thrives in all kinds of soil. Does well as a lawn grass where Kentucky Blue Grass will not thrive. 15 to 20 lbs. to the acre. **Lb., 20c; 10 lbs. for \$1.60; 25 lbs. for \$3.50.**

**ENGLISH OR PERENNIAL RYE GRASS**

This is becoming well known in this country as a valuable pasture grass which will bear frequent close cropping. It will grow well on almost any land, but does better on such land as will produce a good corn crop. On the Pacific coast is used as a lawn grass. Sow 20 to 25 lbs. per acre. **Lb., 15c; 10 lbs. for \$1.00; 25 lbs. for \$2.25.**

**GRASS MIXTURES**

Experiments have demonstrated that best results are obtained in establishing meadows and in producing hay by combining several varieties of grasses and clovers, the combinations being made expressly for the best results in the purpose intended. We feel competent to advise in these matters, and any time will take pleasure in corresponding. There are several combinations or mixtures that we offer.

**MEADOW OR HAY MIXTURES**—Producing heavy growth and quite uniform in maturing. The average quantity to sow per acre, 20 lbs.

**For Medium Soils**—Contains Timothy, Orchard Grass, Meadow Fescue and Alsike Clover.

**For Light, Sandy Soils**—Contains Perennial Rye Grass, Meadow Fescue, Timothy, Alfalfa and Sweet Vernal.

**PERMANENT PASTURE MIXTURE**—Produces solid sod and contains varieties that grow in succession throughout the season. Sow 20 to 25 pounds per acre.

**For Irrigated Soils**—Contains Kentucky Blue Grass, Meadow Fescue, Alsike Clover, White Clover and Red Top.

**For "Dry Land" Soils**—Contains Brome Grass, Meadow Fescue, Orchard Grass and Turkestan Alfalfa.

**Prices for any above Mixtures:** 25 lbs. at 20c; 100 lbs., \$18.00.

**REGARDING TESTED GRASS SEEDS**

We do not claim to grow our own seeds, but we do claim to buy the best obtainable. Wholesale sellers say we are "cranks" on quality. We know we are such. We are proud of it.

When we take into stock a quantity of seed we immediately take out an average for sample, which we examine for purity and forward a part to U. S. Testing Bureau for report on purity and germination to see how their investigation agrees with ours. If tests are unfavorable, we do not use the seed. This makes truly **Tested Seeds**.

**FARMOGERM—Is a high-grade Nitrogen Gatherer**

If you inoculate your Alfalfa and Clover seed with it, the yield will be earlier, better and longer. You can treat the seed for one acre in a few minutes. It's a good investment. **Costs only \$2.00 for acre quantity.** Ask for special circular. Farmogerm can't be used on Grass seeds—only Alfalfa and Clover.

**The Cyclone Hand Seeder** will sow 30 to 40 acres per day nicely. It's a dandy for Alfalfa and Clover. **Price, only \$1.50, not prepaid.**

**GRIMM'S EVERLASTING ALFALFA**

Comes highly recommended as a resister from winter killing. Seed from Minnesota. Write us for prices and particulars.

**New Crop Alfalfa and Clover Seeds**

If wanted by mail, add 8c per pound.

**ALFALFA**

Most westerners know all about Alfalfa, its culture, use, etc., thus little need be said here except to remind customers that Alfalfa is more important a crop today than ever. For those who want information regarding Alfalfa culture, etc., we will gladly mail free literature. **Quantity to sow per acre is 16 to 20 lbs.** Some are getting grand results by planting in drills, using 5 to 7 pounds, cultivating the rows until growth interferes. **Our seed is tested by government experts.**

**American Grown Seed**—We have secured a supply of really handsome, pure home-grown seed. It tests out practically pure and fancy. **Per lb., 20c; 10 lbs. for \$1.60; 25 lbs. for \$3.75. Larger quantities quoted on application.**

**German Seed**—This season we have imported some true high-grade German seed. It tests 98.5 per cent pure and 95 per cent germination. Put in your order early. **Per lb., 20c; 10 lbs., \$1.70; 25 lbs., \$4.00.**

**TURKESTAN ALFALFA—The Correct Variety for Dry Land Farmers**

Of all the different kinds this stock has proven to be the hardiest in withstanding winter, even in the most severe localities of Colorado; it likewise has shown to be the drouth resister, and the crop producer, even on our dry prairies. We recommend and heartily urge this variety for our dry land farmers. The true Turkestan stock costs a little more, but it is well worth the difference. We import our own seed. Some lots are offered that are not true. Our seed tests 99 per cent pure and is free from any objectionable weeds; 95 per cent germination. **Per lb., 20c; 10 lbs. for \$1.80; 25 lbs. for \$4.25; 100 lbs., \$15.50.**

**RED CLOVER**

The acreage of Clover in the West is increasing each season, especially where irrigation is available. We have secured a limited supply of very clean, attractive western seed, tested and pronounced better than the average of fancy seed. Of our seed you need sow only 10 to 12 pounds per acre for a good stand.

**Fancy Seed**—Recleaned by us. **Lb., 25c; 10 lbs. for \$2.00; 25 lbs. for \$4.50.** Ask for price on larger lots.

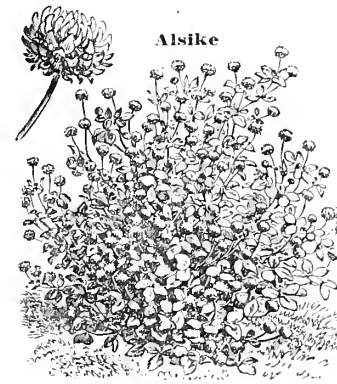
**ALSIKE CLOVER (Swedish Clover)**

An exceedingly hardy clover, enduring the cold of altitudes of 8,000 and 9,000 ft.; nor does it kill out in low, wet lands. The growth is medium, thus the hay is finer; none of the very coarse stalks as in Alfalfa and Red Clover hay. Has pinkish color blossom, which makes excellent bee feed. The seed is very small; 6 or 7 pounds is sufficient for an acre. **Per lb., 30c; 10 lbs. for \$2.70; 25 lbs. for \$6.25.**

**SWEET CLOVER (Melilotus Alba)**

Until the last few years this was looked upon as a pest, but now it is cultivated extensively as a pasture clover, and when cut in the milk, is an excellent hay. After two years the plant dies and the large roots decay, filling the soil with humus. On dry farms this will make growth where other clovers would fail. We heartily recommend

it where no irrigation ditches. The blossoms are liked by the bees. Our seed is the white blossom, the kind recommended by the Agricultural Department at Washington. Ten to twelve pounds will sow an acre. It will self sow when allowed to go to seed. Ask for special leaflet on Sweet Clover Culture **Per lb., 25c; 10 lbs. for \$2.20; 25 lbs. for \$5.00.**



Alsike

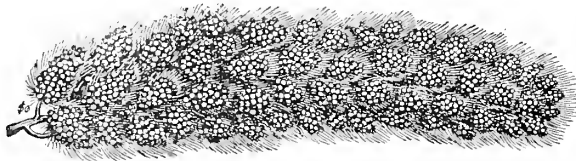
**CRIMSON CLOVER**

A quick growing annual. Immense yielder of fodder. Grows after cut and continues until killed by frost. Sow 12 to 15 lbs. per acre. Per lb., 20c; 10 lbs., \$1.80, not prepaid. ¼-lb., 10c; ½-lb., 15c; lb., 30c, prepaid.

There is nothing like millet to help on shortage of hay crop. Can be sown from May until in July and make valuable catch crop.

Sow 25 to 35 lbs. broadcast. If drilled, 18 to 25 lbs. sufficient.

Prices: Lb., 10c; 4 lbs., for 25c; 10 lbs., 50c; 25 lbs., \$1.00.

**MILLET**

Head of Colorado Golden Millet

Ask for prices on quantity. If wanted by mail, add postage, 8c per pound. **Siberian or Red Russian**—The earliest of all and produces abundantly. For dry land culture it has no superior. So far in Colorado it has proven rust proof. It stools heavily, thus takes a little less seed than the common.

**Colorado Golden**—This is a cross between German and Common Millet, with all the good qualities of both parents. It yields a great amount of seed and the hay is fine, juicy, with luxuriant leaves. It is hardier than other millets, being perfectly acclimated to our western country, and has established itself among the dry farmers as a very dependable crop. When Common is called for, we will send this, unless instructed otherwise.

**German Millet**—Grows 4 to 5 feet high, yielding an abundance of forage, also seed. It is later than either above. We do not recommend it for arid land.

**Manitoba**—Also known as Hog or Broom Corn Millet. Has a very large yellowish seed which is especially good as bird food and in chick feeds. It does well on our plains, producing well, though if fully ripe shells out excessively.

**Japanese Millet or "Billion Dollar Grass"**—A distinct variety. Yields an enormous crop of forage, which makes excellent hay. Is hardy and does well on dry land. If broadcast, sow only 15 lbs.; if drilled, use 10 to 12 lbs. Lb., 15c; 5 lbs. for 50c; 10 lbs. for 90c; 25 lbs. for \$2.00.

**Pearl Millet**—Also known as "Pencilaria" and Cat Tail Millet. Has very large, broad leaves; being rapid grower attains height of 8 to 10 feet, bearing numerous heads, which are loaded with seed. When for fodder, can be cut several times in the season. Not recommended for high altitudes or where cold nights. Sow in May or June in drills 30 to 36 inches apart, 3 to 5 lbs. to the acre. Lb., 20c; 3 lbs. for 50c; 8 lbs. for \$1.00.

**FORAGE AND FODDER PLANTS**

The problem of feed for the livestock when hay is short is solved by sowing liberally of Cane, Kaffirs, etc. Nearly all may be used as ensilage. Every farmer should read Mr. Shaw's book, "Forage Crops Other Than Grasses," 300 pages, for \$1.00, postpaid.

Prices for seed do not include postage.

**EARLY AMBER CANE**

It is but little affected by drouth. It is of the very best quality, being sweet, tender and nutritious, and greedily eaten by cattle, horses and hogs. Dairymen find that the cows will give more and richer milk from its use, and it is claimed that as high as 10 tons of green fodder have been grown per

acre. It can be cut several times during the season if not allowed to get too high, and makes good, sweet hay. Is a profitable crop also to grow for the seed. When growing for seed, 5 to 6 pounds will sow one acre. Lb., 10c; 10 lbs. for 65c; 25 lbs. for \$1.25.

**FETERITA—The Great Drouth Resisting Crop**

Has proven itself a valuable fodder crop for Eastern Colorado. Made crop last season in Kansas where Kaffir failed. It branches from the root, yields heavy and much earlier than Kaffir. Our supply is second-year seed from government stock. It is pure; 3 to 4 pounds will plant an acre. Per lb., 15c; 5 lbs., 50c; 12 lbs. for \$1.00; 25 lbs. for \$1.75.

**KAFFIR CORN**

A most excellent fodder plant, growing 5 to 6 feet high; straight stalk, numerous wide leaves. The stalks keep green and juicy, making excellent fodder, either green or cured. The seed produces heavy and makes excellent stock feed, and the very best of poultry feed. There is almost no failure with this crop, thus especially good for dry farmers. Five pounds will plant an acre. When wanted for fodder, sow 30 lbs. in drills or 50 lbs. broadcast.

**White Kaffir**—The most popular, and we consider hardest. Lb., 10c; 10 lbs. for 65c; 25 lbs. for \$1.25.

**Red Kaffir**—Red seed. Perhaps a little taller and by some considered earliest. Lb., 10c; 10 lbs. for 70c; 25 lbs. for \$1.35.

When planting Kaffir, Feterita, also Milo, use our Diamond Rotary Planter with special disc for small seed. Price, \$1.25. Weighs 8 pounds, packed.

**NEW STRAIGHT NECK MILO—Very Dwarf**

An exceedingly early type. Matured seed in Denver last year with stalks only 40 inches high. Withstood very dry weather, yet yielded well. We recommend it. Supply is limited. Lb., 15c; 5 lbs., 50c; 12 lbs. for \$1.00.

**MILO MAIZE**

Growth is vigorous, stooling from the ground; it sends out shoots from the joints. Seed heads grow to great size, often weighing three-quarters of a pound, sometimes a full pound after ripe. On account of its branching habit this grain should be planted in rows 4 or 5 feet apart, and 2 to 3 feet in the drill, or 2 plants in a hill, 3 to 5 feet apart. It is one of the surest crops to raise on dry ground, and is mostly grown for its seed, which contains about 80 per cent of the feeding value of corn. 3 to 4 lbs. will plant an acre. Lb., 10c; 10 lbs., 50c; 25 lbs. for \$1.00.

**DWARF ESSEX RAPE**

A very quick growing forage plant, related to the cabbage. Is easily grown and withstands all kinds of weather. Makes an excellent pasture plant for hogs, cattle and sheep; they eat it greedily and fatten on it. Ask us for leaflet telling all about its culture and use. Our seed is truly English grown, which is best of all. In drills, sow 3 to 4 lbs. per acre; if broadcast, 5 to 7 lbs. is sufficient. Lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.25.

**VETCHES**

A quick growing, leguminous forage crop that should be more extensively cultivated. Yields heavily and makes a very nutritious fodder. 25 to 30 pounds to the acre gives an excellent crop. Lb., 15c; 10 lbs. for \$1.00; 25 lbs. for \$2.25.

**SANDVETCH**

Also known as Winter Vetch and Hairy Vetch. A valuable leguminous crop, for fall sowing only. Lb., 20c; 7 lbs. for \$1.00; 25 lbs., \$3.25.



# GRAIN SEEDS

Prices quoted do not  
include postage

## SEED WHEAT.

Sow 60 to 75 pounds per acre. If dry land,  
sow 35 to 40 pounds.

There are a number of good varieties of Spring Wheat that crop well with us; however, we sincerely believe that none pay better and find a more ready market than the pedigreed stock of

### Regenerated Defiance.

It is a great improvement over the popular Defiance in yield of marketable grain. It is medium hard, reddish grain with beardless heads. Our seed was raised near Denver from registered pedigreed stock. Is good as the best. 10 lbs., 40c; 25-lb. sack for 75c; 100 lbs., \$2.50.

**Macaroni Wheat**—The wheat for dry farming. This wheat leads all others for our western country as it not only resists extremes of weather, but will mature a good crop where other kinds fail entirely. Not very desirable for milling, but unequaled for feeding. 10 lbs., 40c; 25-lb. sack for 75c; 100 lbs., \$2.50.

### WINTER WHEAT.

**Turkey Red**—Medium hard, bearded, with a long head. Best variety for this locality. Heavy yielder.

**Buffum's No. 17**—Small kernel, not bearded. Very heavy yielder even on semi-arid land. Prices for both above quoted in July.

## SELECTED SEED OATS.

Sow 50 to 60 pounds per acre. If dry land, 30 to 35 pounds.

**New Market**—The heaviest yielding oat grown in Colorado. Large, plump grain averaging 46½ lbs. per bushel, 127 bushels per acre. Does well up to about 7,000 feet. A vigorous growing bush oat. 25-lb. sack for \$1.00; 100 lbs., \$3.00.

**Early Kherson**—Is the earliest oat in cultivation. Short straw, hardy and thus the best for high altitude planting. Spreading habit. Light yellow, medium small seed. 25-lb. sack for 90c; 100-lb. sack for \$2.75.

**Svedish Select**—Dry land raised. A drought resister and sure cropper. Medium early. 25-lb. sack, 90c; 100-lb. sack, \$2.75.

## SEED BARLEY.

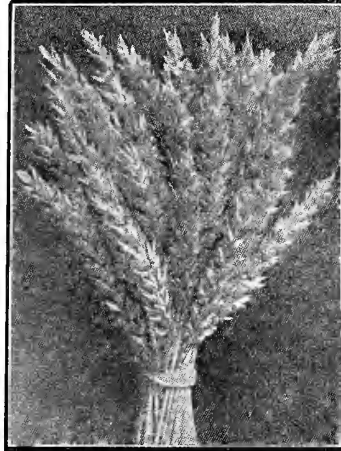
Sow 60 to 75 pounds per acre. If dry land, 40 to 50 pounds.

Good Barley for seed is difficult to procure. We offer the best obtainable.

**Scotch or Malting**—The variety raised principally for brewers, however makes good stock feed. 25-lb. sack for 75c; 100 lbs. for \$2.50.

**White Hullless or Naked Barley**—This is distinct from the malting varieties, being beardless and naked like wheat. Makes good growth most anywhere, even very high altitudes, and is especially suitable for cultivation without irrigation. Stools heavily and produces well. 25-lb. sack for \$1.00; 100 lbs. for \$3.00.

**Success Beardless**—Early and a heavy producer. Makes excellent feed. Ask for prices.



## SEED RYE.

Sow 50 to 60 pounds per acre. If dry land, 35 to 40 pounds.

**Spring Rye**—For a quick growing, early maturing crop nothing surer than Spring Rye. It does well on dry land and produces splendidly. Our seed is dry land raised in Eastern Colorado. 25-lb. sack for 75c; 100 lbs. for \$2.50.

**Winter Rye**—This variety is usually not sown until fall to crop the following season; however, many farmers now sow Winter Rye in April and May for pasture in summer and fall. When for such, sow fully 60 lbs. per acre. 25-lb. sack for 65c; 100 lbs. for \$2.25.

## SPELTZ OR EMMER.

**Spring Emmer**—Called Speltz. A grain especially suited for dry lands. Being semi-hardy, it can be sown very early in the spring, like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rust resister than either oats or barley, and it also yields considerably better. The feeding value is high. 10-lb. sack, 50c; 25-lb. sack for 90c; 100 lbs. for \$2.75.



Emmer Seed

**Buffum's Winter Emmer**—A black hull grain, producing high as 90 bu. per acre in Colorado. A sure crop, even on very dry land. 25 lbs., \$1.50. Larger quantity on application.

## SEED FLAX.

Sow 30 to 35 pounds per acre. If dry land, 18 to 20 pounds.

This crop has developed wonderfully in Colorado the last two years. There is no reason why it should not be a leading and profitable crop in all the arid West. We have special literature on its culture, giving full information. Write us. Don't buy seed on open market; it is generally full of mustard and weed seeds and frequently is wilt diseased. We are very careful in our selection of seed and our prices may seem high. 10 lbs. for 60c; 25 lbs. for \$1.25. For larger quantity ask for latest prices.

## BUCKWHEAT.

A valuable crop as a "filler in" to sow in places which are left unplanted at close of sowing season. Has proven profitable in the West, especially in New Mexico. Sow late June, 30 to 35 pounds per acre.

**Silver Hull**—Grain is of light gray color, has a thin husk. Is very early and yields well. Preferred by millers.

**Japanese**—The earliest of all. The kernels are large, dark colored, and very distinctly "3-cornered." Sow about five pounds less per acre than Silver Hull.

Prices for both varieties, not prepaid: 3 lbs., 25c; 10 lbs., 60c; 25 lbs. for \$1.25; 100 lbs. for \$4.00.

## REGARDING PRICES AND POSTAGE.

We issue a Monthly Price Current, giving market prices for Grass, Grain and Field Seeds. Ask for it when interested.

Please note that when above seeds are wanted by mail, add 8c per pound to these prices.

**CAUTION**—As a precautionary measure, always treat your grain seed with a solution of Formaldehyde or Blue Vitriol to prevent smut and other fungus diseases.



## MISCELLANEOUS FIELD SEEDS

When not priced "postpaid," postage should be added at rate of 8c per lb. if wanted by mail. We can mail up to 11 pounds in one package.

### MAMMOTH RUSSIAN SUNFLOWER

Sunflower grows and produces well on our western prairies; should become an important industry. Why not start now? Try a little for seed stock. 1/4-lb., 10c; lb., 25c, postpaid; 5 lbs., not postpaid, 50c.

### SALT BUSH

The Australian Salt Bush is used in many of the southern districts of the Southwest to absorb the alkali in barren soils. One pound of seed, properly distributed in planting one acre, will eventually spread and cover the entire area. Best results obtained by transplanting. Our seed is fresh, direct from Southern California. Oz., 15c; 1/4-lb., 40c; lb., \$1.00, postpaid.

### TEOSINTE

A very prolific fodder plant grown and flourishing in the South, where it has yielded 50 tons of fodder per acre. Sow 4 lbs. per acre in drills 3 ft. apart. Not suitable for Colorado. 1/4-lb., 40c; lb., \$1.00, postpaid.

### FIELD BEANS

We urge farmers to plant a few acres each. Plant 25 to 30 lbs. per acre. Mexican—Called Pintos. Very hardy and good for dry lands. 1/2-lb., 15c; lb., 25c, postpaid; 10 lbs. for 75c; 25 lbs. for \$1.50, not prepaid.

White Navy—The standard white bean. 10 lbs. for 85c; 25 lbs. for \$1.75, not prepaid.

New Tepary White Beans—A wonderful producer, even on dry land, producing 400 lbs. per acre; in fact, does best on unirrigated land. Is small, white and plump. 15 to 20 pounds plants an acre in rows 3 feet apart. Get a start with this new variety. 1/2-lb., 20c; lb., 35c; 4 lbs., \$1.00, postpaid; 10 lbs., not prepaid, \$1.50.

### FIELD PEAS

Colorado has become famous as the home of the San Luis Valley or Colorado Stock Peas. We have some special literature on this subject that tells all about culture, feeding, etc. Write us. 40 to 50 lbs. per acre gives wonderful returns. 3 lbs. for 25c; 10 lbs. for 75c; 25 lbs. for \$1.50.

### SOUTHERN COW PEAS

It is not suitable for high altitudes, but for southern districts makes an excellent fodder crop. It being leguminous, is especially good as a soil fertilizer. Sow after weather is warm and settled, using 50 to 60 pounds per acre. 3 lbs., 25c; 10 lbs. for 80c; 25 lbs. for \$1.75.

## BROOM CORN.

Sow 10 to 15 pounds per acre. Careful planting, 8 to 10 pounds.

Special cultural literature free, or book, "Broom Corn Culture," illustrated, 60 pages, postpaid, for 50c.

Oklahoma Dwarf—It is very robust grower, not real dwarf but dwarf compared with the older Standard. Very productive. Lb., 10c; 3 lbs. for 25c; 10 lbs. for 75c; 25 lbs. for \$1.50.

## SPANISH PEANUTS.

In the last 2 or 3 seasons have come into prominence as fodder crop, both as forage and for the seed or nuts. Has matured profitable crops without irrigation in Southeastern Colorado. 25 lbs. of good nuts with shells on will plant an acre. We have some good, select seed. Lb., 20c; 10 lbs., \$1.75; 25 lbs., \$3.50.

## TESTED SEED CORN

7 to 8 pounds of good seed will plant an acre; 10 to 12 pounds if put in drills.

We have in use a Standard Seed Tester, thus enabling us to test our seed for germination. You thus can depend on our stocks as truly tested.

### Colorado Yellow Dent

—A Colorado variety that matures within 90 to 95 days. Has medium size kernel, yellow dent, averaging 12-rowed, often 14 and 16. Withstands dry seasons nearly as well as White Australian.

Parsons' White—Originated by a Colorado man. A most dependable variety for dry land. Produces large ear, well filled with white dent kernels. Nothing better for Eastern Colorado.

Swadley—A dent variety that has been cultivated extensively in Colorado for fully 20 years. The kernels are yellowish white, dented much like the Yellow Dent and otherwise similar, being 12 to 16-rowed. Matures in about 90 days and is especially suited for higher altitudes and also dry farming. We heartily recommend it.

White Australian—A flint variety, maturing in 90 days. The earliest and surest variety we have for Colorado arid lands, the dry farmer's best friend. The ears grow from 8 to 12 inches long, usually 8 or 10 rowed, one and two ears to a stalk.

Calico—A very early variety and remarkably hardy in resisting the hot winds of our prairies. Has always done well with the dry farmers. Supply is limited.

Pride of the North—This is considered the earliest dent variety of the Nebraska corns. Usually matures in 90 to 100 days. The kernels are tooth-shape, dented, and a beautiful orange yellow, growing 14 and 16-rowed.

Improved Leaming—Is a good producing, early yellow dent corn, very similar in maturity to the Pride of the North. The ears are large and handsome, with deep, large grains; orange color with red cob.

Iowa Silver Mine—A large white kernel variety that usually matures in 95 to 100 days. The very uniform ears are 16 to 20-rowed, on small cob. Stalks are 7 to 8 ft. Makes excellent ensilage and fodder; Nebraska grown seed.

Brazilian Stooling Flour Corn—It is the best variety for ensilage, since the growth stools like wheat, each kernel producing from 5 to 8 stalks, each stalk bearing 2 or 3 large ears. Four pounds of this corn will plant an acre.

Prices: Large 4-oz. pkt., 10c; lb., 20c; 3 lbs., 50c, postpaid. Per pound, not prepaid, 10c; 3 lbs. for 25c; 7 lbs. for 50c; 25 lbs. for \$1.50.

The Rotary Corn Planter will save you much time in planting. Price, \$1.25.

Black Hawk Corn Sheller—Is a marvel to shell corn, yet a small tool. Price, \$2.50, not prepaid.

## YOUR CHECK IS GOOD

It is sometimes inconvenient for our farmer customers to send to town for draft or money order and if you have money in bank you can send your personal check with the order to pay for farm seeds. We make this offer to save you trouble and delay in obtaining seeds. We have faith in you.



Colorado Yellow Dent

# SEED POTATOES---Northern Grown

## CHANGE YOUR SEED

The Seed Potatoes we send out are seed potatoes in every sense that the word seed should imply. To that end they will be hand sorted, selected stock such as anyone will be proud to plant.

We endeavor to have our stocks free from disease, and in order that the product may be equally so, and to avoid against disease, we urge that customers treat the seed with Formaldehyde. Free pamphlet regarding treatment, etc., can be had for the asking.

Potatoes will usually carry safely in sacks, for which we make no extra charge; if wanted in barrels, add 25c per 100 lbs. The date for shipping on orders booked early depends on weather conditions. We will follow customers' requests, otherwise will use our judgment.

**Prices:** Any of the following varieties, 1 lb., 10c; 3 lbs. for 25c. If wanted by mail, add for postage and extra packing 12c per pound. Any variety by freight or express, 10 lbs., 45c; 25 lbs., 75c. Larger quantities as per price given for each variety, subject to market changes.

**Note**—Ordinarily seed potatoes will be shipped in sacks; however, when going long distance, we send in boxes or barrels.

**Early Ohio**—The most popular early variety. Pink skin, mealy and excellent quality; shape, medium long. Our seed is first year from Wisconsin stock. **Per 100 lbs., \$2.50.**

**White Burbank**—A general crop variety, long shape, white, smooth skin. Excellent for baking. A good yielder. Does well without irrigation. **Per 100 lbs., \$2.25.**

**Russett Burbank**—A western product highly recommended by Mr. Grubb. Has shape of White Burbank, with a closely netted skin; called by some "Netted Gem." Said to be an excellent scab resister and a very heavy producer. Our stock is very attractive. **Per 100 lbs., \$2.25.**

**Irish Cobbler**—An early variety coming on close to the Early Ohio. The skin is creamy white; tubers are almost round and quite uniform. Our stock is from Red River Valley grown seed. The Chas. Downing has all the characteristics of this variety; we believe it very similar. **Per 100 lbs., \$2.50.**

**Red Peachblow**—A second early, very similar to Red Triumph, also called Red McClure. A good producer. **Per 100 lbs., \$2.25.**

**Rose Seedling**—The popular general crop variety about Greeley. **Per 100 lbs., \$2.25.**

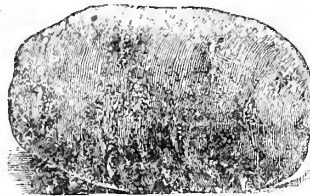
**Mammoth Pearl**—Also called Peerless; white skin, round shape, good yielder, medium late; especially sure cropper for dry land farmers. Our seed is dry land raised. **Per 100 lbs., \$2.25.**

**Book, "The Potato,"** by Eugene Grubb, Potato Specialist, illustrated, postpaid, \$2.00.

**Peerless Hand Potato Planter, Tubular.** Very handy; \$1.25, not prepaid.

**Try "Sterlingworth No-Scab"** to destroy potato scab. **Pint bottle, 40c.** Can't be mailed.

**Use Humphrey Potato Knife** when cutting seed potatoes. **Price, 30c, postpaid.**



Early Ohio

# TREE SEEDS

We specialize in tree seeds for nurserymen. If you want kinds not named in our list, please write us. Most fruit tree seeds require special treatment, which is detailed in a pamphlet which we supply free when asked for.

**Prices named include postage or prepaid.**

## Fruit Seeds.

Will not produce identical varieties, but make hardy "stock" on which distinct varieties are grafted. Best results are obtained by stratifying and freezing the seed in fall or winter.

	Oz.	¼-Lb.	Lb.
Apple—Seed saved from standard varieties.....	\$ .10	\$ .25	\$ .75
Apple, Crab—French seed.....	.10	.25	.75
Apricots, Russian—Domestic seed.....	.10	.20	.60
Cherry, Mahaleb—French seed.....	.10	.20	.60
Cherry, Mazzard—French seed.....	.10	.20	.60
Pear—French seed.....	.20	.65	2.00
Plum, Myrobalan.....	.10	.20	.60
Prunes, German.....	.10	.20	.60
Green Gage Plums.....	.10	.20	.60
Quince—Usually come true from seed.....	.20	.65	2.00

## Small Fruit Seeds.

Seeds germinate slowly. Sow early in spring.

Currents, Goosecherry, Raspberry, Blackberry and Strawberry. **Pkt., 10c; ¼-oz., 15c; oz., 50c.**

Wonderberry—Burbank's stock. **Pkt., 10c; ¼-oz., 25c.**

## Evergreen Tree Seeds.

We are headquarters for Rocky Mountain varieties. Supply is very limited this season. Our cultural sheet gives very complete instructions; however, nurserymen will do well to read Mr. Harrison's new book, "Evergreens and How to Grow Them." **Price, 25c, postpaid.**

	Oz.	¼-Lb.	Lb.
Abies Concolor—Colorado Silver Fir.....	\$ .20	\$ .65	\$ 2.00
Pseudotsuga Douglasii—Red Spruce.....	.30	1.00	3.00
Picea Pungens—Colorado Blue Spruce.....	.30	1.00	3.25
Picea Engelmannii—Purple Spruce.....	.35	1.25	3.50
Pinus Ponderosa—Yellow or Bull Pine, very hardy.....	.20	.50	1.50
Pinus Flexilis—Colorado White Pine.....	.20	.65	2.00
Pinus Banksiana—Jack Pine.....	.40	1.25	4.00
Pinus Murryana—Lodgepole Pine.....	.50	1.50	5.00
Juniperus Communis—Common Cedar.....	.10	.25	.85
Juniperus Monosperma—Trailing Cedar.....	.15	.35	1.25

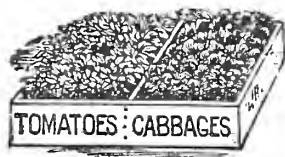
## Deciduous Tree Seeds.

Plant very early in spring. In rows where possible.

	Oz.	¼-Lb.	Lb.
Ash, White—Colorado seed.....	\$ .10	\$ .20	\$ .60
Box Elder—Colorado seed.....	.10	.20	.60
Catalpa Speciosa—Selected seed.....	.20	.60	1.75
Cottonwood—Colorado seed.....	.10	.30	1.00
Elm, White—Seed ready in June.....	.10	.30	.90
Locust, Yellow—A popular hardy tree.....	.10	.20	.60
Locust, Honey—Soak seed before planting.....	.10	.20	.60
Mulberry, Russian—A valuable variety. <b>Pkt., 10c.</b> .....	.25	.80	2.50
Osage Orange—Soak seed 2 days.....	.10	.25	.75
Soft Maple—Seed ready in June.....	.10	.15	.35

# NURSERY AND GREEN HOUSE DEPARTMENT

Our business in this department is under the direct supervision of Mr. Wm. F. Horlacker, who has had many years of experience in the work. The demand for our goods has grown rapidly. We shall endeavor to fill all orders this season, therefore, please aid us by submitting your orders early, and, accordingly, have them shipped out on time. Our stock is all Dependable and we believe true to name. Plants and Bulbs take postage rate of 8c per pound anywhere in U. S.



## VEGETABLE PLANTS

Our facilities are unequalled in Denver for ability in supplying strictly first-grade plants. Our stocks are true to name and properly cared for. Our prices are right for dependable plants. We are not competing with cheap, haphazard lots. **Prices do not include postage except where so stated.** If must be sent by mail, add 10c per dozen, 35c per 100.

We do not favor sending any vegetable plants by mail. It is difficult to keep them in good condition in a mail pouch; express is best.

	Per 12	Per 100	Per 1,000
<b>Early Cabbage</b> —Early Winnigstadt and Jersey Wakefield, from seed bed; ready April 15.....	\$ .10	\$ .50	\$ 4.00
Transplanted stock; ready May 1.....	.15	.75	6.00
<b>Late Cabbage</b> —Hollander, Flat Dutch, Winnigstadt; ready May 25.....	.10	.40	3.00
<b>Early Cauliflower</b> —Early Snowball, transplanted; ready May 1.....	.20	1.00	8.00
<b>Cauliflower for Late Planting</b> —Dry Weather Snowball; ready in June.....	.15	.75	6.00
<b>Celery</b> —Golden Self-Blanching, transplanted; ready in May..	.15	.60	5.00
<b>Celeriac Plants</b> —A limited supply; ready in May.....	.20	1.00	...
<b>Late Celery</b> —Giant Pascal, G. Self-Blanching; ready in June..	.10	.40	3.00
<b>Tomatoes</b> —Earliana and Beauty, from seed bed; ready May 1	.15	.60	5.00
Transplanted, carefully selected; ready May 15.....	.20	.80	7.00
<b>Peppers</b> —Ruby King and Cayenne, transplanted; ready May 15.....	.20	1.00	8.00
<b>Egg Plants</b> —Our select stock, transplanted to small pots—the only safe way for egg plants to do well. By express only.....	.70	5.00	...
<b>Sweet Potatoes</b> —Yellow Nansemond and Yellow Jersey; ready about June 1.....	..	.50	4.00
<b>Kohl Rabi</b> —Plants from White Vienna seed; ready May 25..	.25	...	...
<b>Red Cabbage and Savoy Cabbage</b> —Plants ready May 25.....	.20	1.00	...

### MASTER PLANT SETTER

A man with one of these plant setters can plant more than 3 men can set by hand. Don't wait for showers, but keep the planter going every day, regardless of the weather, and by using liquid fertilizer instead of pure water you will produce the best stand of plants ever seen. No stooping, no more backache. Two barrels of water and a setter will insure a perfect stand of plants, rain or no rain. It is sure in its work, simple and durable. **Price, \$4.00.** Weight, packed, about 8 lbs.

## VEGETABLE ROOTS

	Per 12	Per 100	Per 1,000
<b>Asparagus</b> —Conover's Colossal, 1 yr. old.....	\$ .15	\$ .65	\$ 5.00
Conover's Colossal, 2 yrs. old.....	.20	.85	7.00
Palmetto, 1 yr. old.....	.15	.65	5.00
Palmetto, 2 yrs. old.....	.20	.85	7.00
Columbia Mammoth White, 1 yr. old.....	.15	.65	5.00
Columbia Mammoth White, 2 yrs. old.....	.20	.85	7.00
Giant Early Argenteuil, 1 yr. old.....	.20	.75	6.00
Giant Early Argenteuil, 2 yrs. old.....	.25	1.00	8.00
Postage on Asparagus Roots, 1 yr. old, 10c per doz., 35c per 100; 2 yrs. old, 20c per doz., 60c per 100.			

	Per 12	Per 100	Per 1,000
<b>Chives</b> —Per clump of roots, 10c; by mail, 15c.....	\$1.00	\$...	\$...
<b>Horse Radish</b> —Several eyes to a root; by mail, 5c doz. extra.....	.20	.75	6.00
<b>Rhubarb Root</b> —2 yrs. old, 3 for 25c, 12 for 75c, postpaid.....	.50	3.00	...
<b>Rhubarb Roots</b> —Burbank's Crimson Winter, 15c ea., postpaid.....	1.00	6.00	...
<b>Rhubarb Clumps</b> —According to size, 25c to 50c each; by express only.			
<b>Garlic Bulbs</b> —In stock at all times. Lb., 20c; 5 lbs., 75c. Postage, 8c per lb.			

### HERB ROOTS

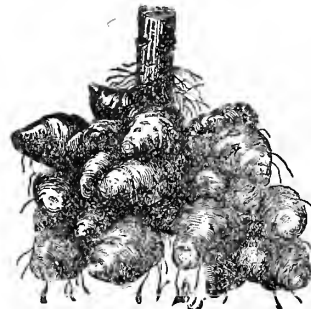
**Catnip Roots**—Fine clumps, 15c each, 2 for 25c, postpaid.  
**Hop Roots**—15c each, 2 for 25c, postpaid.  
**Mint Roots**—Per clump, 15c; by mail, 20c.  
**Parsley Roots**—Curled. Each, 15c; 2 for 25c, postpaid.  
**Sage Roots**—1 yr. old, clump, 15c; by mail, 20c.

**Sweet Marjoram**—Each, 15c; 2 for 25c, postpaid.  
**Tarragon Roots**—Per clump, 10c; by mail, 15c.  
**Thyme**—Each, 15c; 2 for 25c, postpaid.

### JERUSALEM ARTICHOKE TUBERS

They are the best hog food known. Very fattening and very productive (over 1,000 bushels have been grown on one acre). Easily grown. They need not be dug, the hogs should be turned in on them. One acre will keep from 20 to 30 hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. 200 lbs. will plant an acre. Cut and plant like potatoes.

Artichokes rot quickly after having been kept dry, thus we do not recommend shipments by freight. **Price, 1 lb., 20c; 3 lbs., 50c, postpaid. Not prepaid, by express, lb., 10c; 3 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50.**





## Summer Bedding Plants

These plants are all carefully grown in greenhouse in 2 and 2½-inch pots, and are sent out in healthy condition, properly labeled. While most of the stock is ready by April 15, we shall endeavor to use our judgment as to time to ship, according to weather conditions, usually safe by May 1, and until in June.

Plants are priced net, purchaser to pay transportation, 6 at the dozen rate. We recommend by express, since plants take General Special Rates. If wanted by mail, we pack in wet moss. Add postage, 5c each, 30c per dozen.

	Each	Doz.
Antirrhinum (Snapdragon)—Assorted colors.....	\$ .10	\$ .75
Asters, Branching—Assorted colors, not in pots.....	.05	.40
Carnations, Marguerite—Fine summer bloomers.....	.10	.75
Carnations—Perpetual blooming, white, pink, red.....	.10	.75
Cosmos—Early flowering, pink, white, red.....	.10	.60
Coleus—Assorted varieties.....	.10	1.00
Chrysanthemums—Chinese and Japanese, assorted.....	.10	1.00
Daisy, Double—Pink and white.....	.10	.75
Feverfew—Double, white.....	.10	.90
Forget-Me-Not—Blue.....	.10	.75
Fuchsia—Double.....	.10	1.00
Fuchsia—Single.....	.10	1.00
Geraniums—Double, assorted colors.....	.10	1.00
Geraniums—Single, assorted colors.....	.10	1.00
Geraniums, Lady Washington.....	.10	1.00
Hanging Basket Plants—In assorted varieties.....	.10	.75
Heliotrope—White and blue.....	.10	1.00
Ivy, English.....	.10	1.00
Ivy, German.....	.10	1.00
Lohelia, Crystal Palace—Blue.....	.10	1.00
Marguerite—White flower with yellow center.....	.10	1.00
Marguerite—Pure yellow.....	.10	1.00
Petunia—Single Giants of California.....	.10	1.00
Petunia—Double fringed.....	.15	1.25
Phlox, Drummondii Grandiflora—Pink, scarlet, white and mixed..	.10	.75
Pinks, Chinese—Double and single.....	.10	1.00
Pinks—Hardy.....	.10	.90
Salvia, Splendens (Scarlet Sage).....	.10	1.00
Smilax.....	.10	.75
Stocks, Ten Weeks (Levkoyen).....	.10	.75
Verbena—One of the best bedding plants; assorted colors.....	.10	.75
Vincas.....	.10	1.00
Violet—Sweet-scented, blue, single or double.....	.10	.75
Cobaea Scandens—A beautiful, rapid climber; 4-inch pot.....	.25	..
Moonflower—4-inch pot.....	.25	..

Large plants from 4-inch pots, above varieties, \$2.00 per dozen.

## PANSY PLANTS.

We have provided ourselves with a most excellent stock of vigorous Pansy Plants, grown from seed that is selected for merit in colors and size. These plants should not be mailed. If by express, we leave plenty of soil on roots, wrapped with paper, usually in small baskets of one dozen each. Ready in April. Per dozen, 35c; 3 dozen for \$1.00, not prepaid. If by mail, 12 for 60c.

## DECORATIVE PLANTS

This class of plants should be transported by express only; however, small sizes can be sent reasonably safe by mail.

### PALMS.

Special cultural leaflet on Palms free for the asking.

**Areca Lutescens**—The foliage is of a bright, glossy green with rich golden yellow stems.

**Kentia Belmoreana**—Very hardy and rather slow growth; endures dry atmosphere of the house better than many others. Has dark green foliage.

**Kentia Forsteriana**—Very similar to Belmoreana, but of stronger growth, with broader, heavier foliage.

**Latania Borbonica (Chinese Fan Palm)**—Is the popular fan-leaved variety.

### PRICES FOR ALL ABOVE PALMS

From 4-inch pots, are 12 to 14 inches high. Each, 75c. By mail, \$1.00.

From 5-inch pots, are 16 to 18 inches high. Each, \$1.00. By mail, \$1.25.

In 6-inch pots, are 24 to 28 inches high. Each, \$2.00. By express only.

In 8-inch pots, are 30 to 36 inches high. Each, \$4.00. By express only.

Larger specimens can be supplied.

An excellent remedy for Palm Scale and also a growing food is JAPANESE PALM FOOD. Price, 20c; by mail, 30c.

### ARAUCARIA—Norfolk Island Pine.

A beautiful Evergreen, especially suited for house decoration, in window, on pedestal, table, etc. Does not want warm location, though otherwise is easily suited. Very shapely plants.

12 to 15 inches high, in pots, each, \$1.50. 16 to 18 inches high, in pots, each, \$2.00.

### FERNS.

**Boston Fern**—The popular house variety.

**Whitmanii (Ostrich Plume Fern)**—The finely divided fronds resemble plumes.

**Harrisii**—The best curled leaf variety, improvement on the Boston.

**Scottii**—Very compact and robust. **Pierisii**—Beautifully fringed.

**Scholzii**—A dwarf variety suitable for jardinières.

**Asparagus Plumosus (Lace Fern)**—Fine for table decoration.

**Asparagus Sprengeri**—Suitable for window boxes, baskets, etc.

We can supply any above varieties in good condition.

From 3-inch pots, each, 35c; by mail, 50c.

From 4-inch pots, each, 50c; by mail, 75c.

From 5-inch pots, each, 75c; by mail, \$1.00.

In 6-inch pots, each, \$1.50.

In 8-inch pots, each, \$2.50.

Select Specimen Plants in Hanging Baskets, \$4.00 to \$10.00.

**Adiantum (Maiden Hair Fern)**—4-inch pots, 50c; 6-inch, 75c. By mail, 25c extra.

**Small Ferns for Dishes**—We have a fine assortment of small fern plants suitable to place in Fern Dishes. These plants are taken from 2-inch pots. Price, 15c each; a collection of six, no two alike, for 75c, postpaid.

**Fern Dishes**—We carry an assortment in plain and fancy patterns. We also can fill these dishes, complete, for \$1.00 to \$1.50 each.

### FICUS ELASTICA—Rubber Plants.

In 4-inch pot, strong, healthy plants. By express only. Each.....\$1.00

In 6-inch pot, strong, healthy plants. By express only. Each.....1.50

In 8-inch pot, extra large, healthy plants. By express only. Each.....2.50



## Summer Flowering Bulbs---Tender

This class of bulbs are all of easy culture and give greater satisfaction than the amount invested in other bulbs. All bulbs under this heading should be taken up after the foliage dies in fall and stored in cellar.

Will send bulbs postpaid, except where otherwise priced.



Amaryllis

### AMARYLLIS

Good for indoor pot culture or in open ground. Bulbs are tender and should be taken up in fall.

**Formosissima**—Flowers are a beautiful dark scarlet, strangely marked. Single bulb, 15c; 2 for 25c, postpaid.

**Johnsoni**—Has immense trumpet-shaped flowers of rich, deep, velvety crimson, with a broad white stripe on each petal. Single bulb, 30c; 2 for 50c, postpaid.

### ARUM CORNUTUM—A Novelty

Known by some as "Monarch of the East." It produces without soil or water a beautifully red colored flower. Should be placed in warm position in a saucer or dish. Very novel. Our bulbs are large and sure to please. Each, 25c, postpaid.

### BEGONIAS—Tuberous Rooted

Can be grown in open very satisfactorily. Start early in warm location. Also succeed well in pots in window. Are tender. We supply select imported bulbs in all colors.

**Single**—White, scarlet, yellow, pink. Each, 10c; 3 for 25c, prepaid.

**Double**—White, scarlet, yellow, pink. Each, 15c; 2 for 25c, prepaid.

One bulb of each color, single and double, postpaid, for 75c.

### CALADIUMS

**Esculentum**—Perhaps better known as Elephant's Ears. A very effective plant for outdoor planting where a tropical appearance is desired. The leaves often attain a length of 3 feet and 1½ feet wide. With a little care they grow to enormous proportions. Good average size bulbs, 15c; 3 for 40c, postpaid.

### CALLAS

**White Calla**—The old favorite white flower is always in style. We have selected bulbs that should bloom first year. In this locality, keep in pots. Each, 20c; 2 for 35c, postpaid.

**Elliotiana, or Yellow Calla**—A rare and beautiful variety; it has the same habit of growth as the ordinary White Calla, with flowers of the same size and shape, but of a rich, clear, lustrous golden-yellow color; the foliage is dark green, with a number of translucent creamy-white spots, which add much to its beauty. Is a very unique contrast to the White Calla and meets with friends wherever cultivated. Extra large bulbs, direct from grower, 35c each; 3 for \$1.00, postpaid.

**Spotted Callas**—Similar in growth to the well-known White Calla, except that the foliage is dotted with white spots and the flower is smaller, with a dark throat. Each, 15c; 2 for 25c, postpaid.

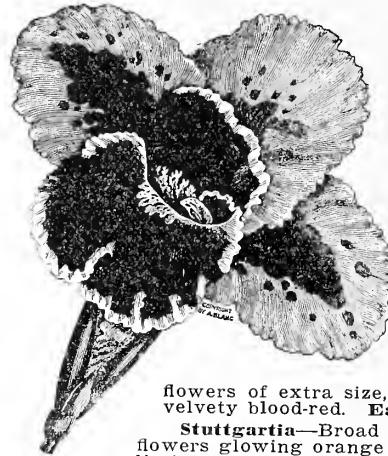
### CYCLAMEN

Is a tender bulb, and properly speaking is best for indoor use in late fall and winter, thus we give it more description in our Fall Bulb Catalogue; however, we can supply bulbs now of the Giant Strain in separate colors.

**White, Red, Pink, White with Carmine Eye.** Each, 20c, 2 for 35c, postpaid. Unnamed, each, 15c; 2 for 25c, postpaid.

## CANNAS

Cannas need no special description except for us to mention that we have selected the cream varieties. Their tropical-like foliage with orchid flowers make them supreme for the up-to-date garden. We send free with orders, when asked for, a special cultural leaflet on Cannas.



### New Varieties—Dormant Roots

**Hungaria**—Leaves bluish green, very compact, quite dwarf yet luxuriant growth. Flowers very large, of La France pink, with satin sheen. The most delicate pink in Cannas. Each, 40c, postpaid.

**Julius Koch**—Foliage dark green; flowers composed of four broad, well-rounded, large petals and of the most brilliant blood-red. One of the best reds in our collection. Each, 35c; 3 for \$1.00, postpaid.

**Pfitzer's Meteor**—A clear orange scarlet, strong, robust grower and extra free flowering. Each, 35c; 3 for \$1.00.

**Prince Wied**—Foliage dark green; flowers of extra size, borne in massive clusters and of a fiery, velvety blood-red. Each, 30c; 3 for 75c, postpaid.

**Stuttgartia**—Broad leaves, dark green, of majestic growth; flowers glowing orange scarlet with canary yellow band and peculiarly marked and mottled. The mammoth flowers are borne on strong stems and are carried erect above the foliage. Each, 40c, postpaid.

**Mont Blanc Improved**—A pure white, thus in Mont Blanc we have green foliage with pure white flowers. 3 feet. Each, 25c; 3 for 60c, postpaid.

### Standard Varieties

These roots are all dormant with 1, 2 or 3 eyes that will start quickly.

Prices for each following named varieties: 1 only 15c; 3 for 40c, postpaid.

Not prepaid, 6 for 65c; 12 for \$1.20.

**RED FLOWER WITH GREEN FOLIAGE**—Beaute Poitevine, dark crimson, 3½ ft. Chas. Henderson—Bright crimson, 4 ft.

**BRONZE LEAVED**—David Harum, vermilion scarlet, 3½ ft. Egandale—Currant red, 4 ft.

**VARIEGATED RED AND YELLOW WITH GREEN FOLIAGE**—Mad. Crozy, vermillion with good border, 3½ feet. Queen Charlotte—Orange scarlet with gold band, 4 ft.

**YELLOW SHADES WITH GREEN FOLIAGE**—Florence Vaughan, yellow-spotted crimson, 5 ft.

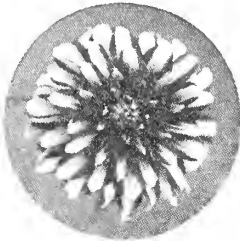
**PINK SHADES WITH GREEN FOLIAGE**—Mlle. Charlotte Mongeot, cherry carmine, 3½ ft.

**ORCHID FLOWERING**—Allemania, scarlet and yellow with green foliage, 4½ ft. King Humbert—Orange scarlet with bronze foliage, 4 ft. Louisiana—Large, vivid scarlet with green foliage, 6 ft.

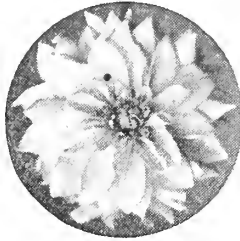
**WHITE WITH GREEN FOLIAGE**—Frau Maria Nagel, large, creamy white, 4 ft. Tisza—Pure white with dainty spots of red, 3 ft. Each, 20c; 2 for 35c, postpaid.



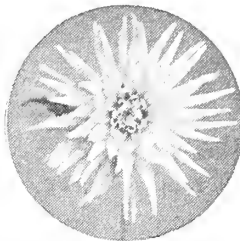
Delice



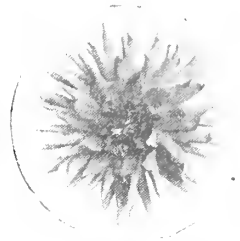
Gaiety



Jeanne Charmet



Victor von Scheffel



Country Girl



Mikado

## DAHLIAS

Our list comprises new and popular varieties and those of established merit. No duplicates in our list. Each bulb carries one to three strong eyes, and if bulb is carefully protected and treated as per our cultural directions you are sure of success. Cultural leaflet free when asked for. The size of a Dahlia bulb does not indicate its merit, some of the best have the smallest roots.

With any Dahlia order amounting to \$2.00 or over, we give Wilmore's revised treatise, "The Dahlia," free.

All prices are prepaid unless otherwise mentioned.

The figures at the end of description indicate Mr. Wilmore's report of the average height.

### NEW VARIETIES—SHOW AND DECORATIVE

**Corona**—The Carnation Dahlia. A miniature decorative form, double and pure white. Strong resemblance to a carnation. Popular as a cut flower. A wonderful bloomer; 3 ft. **Each, 25c.**

**Delice**—A beautiful soft rose pink, with scarlet shape and stout, stiff stems. Keeps a long time after cut. **Each, 25c.**

**D. M. Moore**—Deep, velvety maroon of immense size, produced in profusion, on long stems. It has no equal in its color; 3 ft. **Each, 25c.**

**Gaiety**—A new, vivid scarlet, heavily marked with pure white; stems are long and flowers are produced freely; 3 ft. **Each, 25c.**

**Grand Duke Alexis**—Pure white of magnificent large size and quilled petals. One of the best whites; 4 ft. **Each, 20c.**

**Jeanne Charmet**—A shading of pink lilac, each petal edged with white. Flowers are very large with long stems; 4 ft. **Each, 25c.**

**Mrs. Winters**—A superb white of established popularity, always satisfactory; 3 ft. **Each, 20c.**

**Manitou**—An amber bronze with distinct shading of pink, of immense size—often 8 inches diameter. With short stem it is not suitable for cut flower, though a grand garden attraction; 4 ft. **Each, 25c.**

**Manzanola**—Intense vivid red, large and finely formed, standing well above the foliage; 4 ft. **Each, 25c.**

### NEW VARIETIES—CACTUS

**Country Girl**—Base of petals golden yellow, suffused with salmon rose; difficult to describe; flowers are very large; 3½ ft. **Each, 25c.**

**Dainty**—A lemon color shading to a rosy pink at the tips. Decidedly a dainty flower; 4 ft. **Each, 20c.**

**Mikado**—Bright crimson, large and full, with long jointed petals; early and free bloomer; 3 ft. **Each, 25c.**

**Mrs. H. J. Jones**—Bright, vivid red, tipped and edged with pure white, having long, claw-like petals; 5 ft. **Each, 20c.**

**Princess Yette**—Delicate pink, shading to amber, medium size though robust grower. **Each, 25c.**

**Victor von Scheffel**—Shell pink, shading to white; a great improvement over Krimhilde; 4 ft. **Each, 20c.**

**SPECIAL**—One each of all the New Named Varieties of Show and Cactus Dahlia, including a copy of Mr. Wilmore's new book, all prepaid for \$3.00.

### 12 STANDARD SHOW AND FANCY VARIETIES

15c each; 6 for 75c; 12 for \$1.50, postpaid. When not prepaid, we add 1 extra bulb to each dozen.

**Altus**—Rich purple, tipped with white; 4 ft.

**A. L. Chase**—Creamy white, streaked with purple; 3 ft.

**A. D. Livoni**—Rich pink, finely formed; 3 ft.

**Annie Moore**—A beautiful combination of cherry, pink and white; 3 ft.

**Bon Ton**—Bell-shaped flower of a deep garnet red; 4 ft.

**Fire Ball**—Intense dark red with long stem; 4 ft.

**Golden Treasure**—Beautiful burnt orange, very large; 3 ft.

**Kaiser Wilhelm**—Deep yellow, tipped and shaded with cherry red; 4 ft.

**Lady Mildmay**—White ground, shaded to pale lilac; 3 ft.

**Purple Gem**—Rich royal purple, clear and constant; 4 ft.

**Snow**—A beautiful pure white with long stem; 4 ft.

**The Baron**—Bright yellow, often tipped with white.

When ordering Dahlias make your order \$2.00 or more and get Mr. Wilmore's book on Dahlias free. We sell Wilmore's Dahlia bulbs.



## 12 STANDARD CACTUS DAHLIAS

15c each; 6 for 75c; 12 for \$1.50, postpaid. When wanted not prepaid we add 1 extra bulb to each dozen.

**Florodora**—Deep blood red of exquisite form; very early; 3 ft.

**Gypsy Maid**—Orange scarlet, the petals are long and pointed; 3 ft.

**General Buller**—Cardinal with crimson shading; each petal tipped with pinkish white; 3 ft.

**Genesta**—Rich orange bronze; a fine autumn shade; 3 ft.

**Harbor Light**—Dark red with shading of apricot in center; 3 ft.

**Iceberg**—Pure white, shading to greenish white at base of petals; 4 ft.

**Lenau**—Amber pink, a very pleasing color; 3 ft.

**Mrs. Charles Turner**—Bright lemon yellow; extra large; 3 ft.

**Mrs. Bennett**—Soft crimson, large and well formed; 4 ft.

**Mrs. Peart**—A delicate creamy white; 3 ft.

**Standard Bearer**—Rich fiery scarlet; 3 ft.

**Zephyr**—Rosy pink, shading to heliotrope; 3 ft.

## SINGLE DAHLIAS

In this class there are several grand flowers; admired greatly for their strong coloring.

Price for either the following: 20c each; 1 of each four, postpaid, for 70c.

**Lady Love**—Light canary yellow, shaded to pure white, borne on long stems; a lovely flower; 4 ft.

**Twentieth Century**—Intense rosy crimson tipped with white and having a white band around the disc; 5 ft.

**Sensation**—Scarlet tipped white, though semi-double flower; 5 ft.

**White Century**—Similar to Twentieth Century, except color, which is pure white; very novel; 4 ft.

We are in close touch with Mr. Wilmore and thus can supply promptly any variety in his list. Write us if interested.

## Dollar Collection Dahlias

13 CHOICE VARIETIES FOR \$1.00, PREPAID.

This collection is made up by Mr. Wilmore and consists of 13 good bulbs, unlabeled; however, all are double and no two alike. A great assortment for the price. You can do a good act to your worthy neighbors by making them a present of this collection.

Order early while assortments are complete.



Twentieth Century

Our prices are not the cheapest, but our seeds are of the HIGHEST quality. THAT MAKES THEM CHEAPEST IN THE END. Invest a little extra at planting time and you will reap a great deal more harvest.

## GLADIOLUS

No member of the floral family has made more rapid strides in development than the Gladiolus. The new, wonderful, beautiful and large flowered varieties of today are not to be compared with the small varieties of a few years ago. They are almost sure to bloom and increase yearly. Should be taken up and stored in cellar. Printed cultural directions for Gladiolus given free when ordering if asked for.

Where priced per dozen and less we will pay postage; larger quantities are at customers' expense.

## SELECT NAMED VARIETIES

**America**—Soft lavender pink, large flower; an excellent florist strain. Each, 10c; 12 for 75c.

**Augusta**—White, with lavender antlers; forces well. 2 for 15c; 12 for 60c.

**Alice Carey**—Pure white, with streaks of carmine in throat. Each, 10c; 3 for 25c; 12 for 90c.

**Baron Hulot**—Dark royal purple. Each, 15c; 2 for 25c; 12 for \$1.25.

**Brenchleyensis**—Vermilion scarlet. Each, 5c; 12 for 40c.

**Glory**—Delicate cream pink, striped crimson. Each, 15c; 2 for 25c; 12 for \$1.25.

**Independence**—Bright, deep pink, large. Each, 10c; 3 for 25c; 12 for 90c.

**Jane Diculafay**—Creamy white, lower petals stained maroon. Each, 15c; 2 for 25c.

**Klondyke**—A primrose yellow with crimson throat. Each, 10c; 12 for \$1.00.

**La Prophetesse**—Pearly white, conspicuous crimson throat. Each, 10c; 12 for \$1.00.

**Mrs. Francis King**—Large spikes of light scarlet. Each, 10c; 12 for 75c.

**Mephistopheles**—Bright red, stained with maroon and yellow. Each, 10c; 12 for \$1.00.

**Niagara**—Blush primrose, very large. Each, 25c.

**Pacha**—Nasturtium orange shade, throat spotted with crimson. Each, 15c; 2 for 25c.

**Peace**—The grandest white, large, good form, tall. Each, 25c; 5 for \$1.00.

**Princess**—Giant blossom of perfect crimson, with white stripe on lower petal. Each, 15c; 2 for 25c; 12 for \$1.25.

**Taconic**—Rose pink, flecked and striped with pink shades. Each, 10c; 12 for 75c.

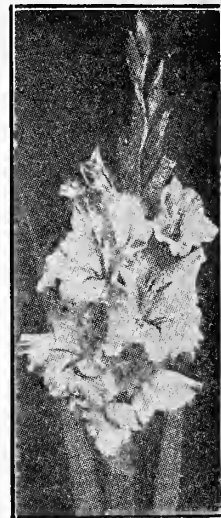
**The King**—Violet, specked with crimson and cream. Each, 15c; 2 for 25c.

**Twentieth Century**—Bright, velvety red with maroon striped throat, large. Each, 10c; 3 for 25c; 12 for \$1.00.

## MIXED GLADIOLUS

**Our Dependable Mixture**—Consists of large size bulbs of high grade giant varieties, many were named varieties. Mixed, 4 bulbs for 25c; 12 for 60c, postpaid. 100 by express, \$3.50.

**Champion Mixture**—Many colors, good as many offer for best. 12 bulbs for 40c, postpaid; 100 by express, \$2.25.



Glory

**GLOXINIAS**

**New Giant Flowering Hybrids**—Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet shaped with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show, and if planted at intervals will give a continuous bloom for a long period. Each, 15c; 2 for 25c, postpaid.

**MONTBRETIAS**

One of the brightest and best of summer flowering bulbs, and one which will be more generally used when its merits become more fully known. Plant in clumps of 6 or 12 bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange, yellow and red. Mixed varieties. 3 for 10c; per doz., 30c, postpaid.

**SUMMER FLOWERING OXALIS**

Useful for bordering beds, and also for hanging baskets. **Diepi** is the pure white, bell-like flower. **Lasandra** is the rosy-pink flower. Price, either color, dozen, 15c; 25 for 25c, postpaid.

**TIGRIDIAS (Tiger, or Shell Flower)**

These gorgeous summer flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow about 2½ feet high and flower freely throughout the summer. They require the same treatment as Gladioli, and should be lifted in the autumn and dried off in the same way. Mixed colors. 3 for 15c; dozen for 50c, postpaid.

**TUBEROSES**

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hot-bed, and for a succession they can be planted at intervals as late as August. For open ground culture plant in May and June in warm location. Special cultural directions free when asked for.

**Excelsior Double Dwarf Pearl**—First size bulbs. 3 for 15c; 12 for 50c, postpaid. **Not prepaid, 12 for 40c.** Second size bulbs, 30c per doz., postpaid; **not prepaid, 25c.**

**RESURRECTION PLANTS**

We offer this for its oddity and the novelty of having a plant that comes to you in a dry, apparent dead condition, on receipt of which you place it on a plate or saucer with a little water; it then opens up wide within a few hours and shows green, beginning growth at once. Can be repeated many times. Very interesting for the children. **Medium plants, 2 for 10c; large plants, 10c each, prepaid.**

**AQUATIC PLANTS**

**Cabomba, or Aquaria Moss**—Foliage is beautiful light green, leaves are fine and spread out like a fan; grows all the year round. Should be weighted down so that the base of stem will root into the sand and pebbles. **Per bunch, 25c, postpaid.**

**Umbrella Palm (Cyperus)**—Very ornamental, with slender round stems 18 to 24 inches high. Thrives anywhere if only wet. Grows in a bowl, in pot, or in an aquarium. **Small plants, 15c; medium, 25c, postpaid. Large, 50c, by express, not prepaid.**

**Water Hyacinths**—Very curious and beautiful. Floats in the water. Soft lilac rose flowers. **Each, 20c, postpaid.**

**Tuberose****HARDY GARDEN LILIES**

Each variety will, with a little care, endure our winters. Are among the most hardy of our garden flowers.

Select a well-drained spot, dig the soil deep, and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from 4 to 6 inches deep, according to size, surrounding them with sand so as to prevent any manure coming in direct contact with the bulbs. During the winter, cover the surface of the bed with a thin layer of coarse straw manure, which will not only afford a slight protection to the bulbs, but will materially enrich the soil. In the spring the manure may be removed or dug in between the rows.

**AURATUM (Golden-Banded Lily of Japan)**—Undoubtedly one of the finest. Strictly hardy and blooms through July and August. Our bulbs are large and sound. 20c each; 2 for 35c; 12 for \$2.00, postpaid.

**SPECIOSUM ALBUM**—Pure white flowers with a greenish band through the center of each petal. 20c each; 2 for 35c; 12 for \$1.75, postpaid.

**SPECIOSUM RUBRUM (Crimson Banded)**—The white or pink petals are thickly dotted with rose or crimson spots. 15c each; 2 for 25c; 12 for \$1.25, postpaid.

**SPECIOSUM MILPOMENE**—Are heavily spotted and bearded pinkish crimson. Petals are deeply recurved. 20c each; 3 for 50c; 12 for \$1.50, postpaid.

**TIGRINUM SPLENDENS (Improved Tiger Lily)**—Is of stately habit, bearing immense clusters of very large double flowers; color, bright orange-red, spotted with black. Is strictly hardy and increases rapidly. 15c each; 3 for 35c; 12 for \$1.00, postpaid.

**Lily-of-the-Valley**

No garden is complete without a bed of these fragrant flowers. Plant in a shady place; they will increase and bring you many fold increase. Clumps are best for outdoors.

**Large Imported Clumps**—Are sure to please. Each, 40c; 12 by mail, 50c.

**Large German Pips**—Can be forced indoors, or planted outdoors. 12 for 40c, postpaid; 25 by express, not prepaid, 60c.

**WATER LILIES—Hardy Nymphaeae**

A water lily garden may be enjoyed in any sunny back yard, same as if large gardens and parks; however, if natural conditions of water and soil are not favorable, large tubs or basins may be utilized and the results be very satisfactory. Our book, "Home Floriculture," treats on this subject, pages 78 to 81.

We can take orders for following and make shipment at proper time, when plants are ready in April and May.

**Marliacea Chromatella**—A free and vigorous grower; large flower, bright canary yellow; stamens deep yellow, leaves deep green, blotched with brown. **Each, 60c, postpaid.**

**Marliacea Alba**—The flowers are large white, stamens light yellow, sepals flushed pink; very fragrant. **Each, 60c, postpaid.**

**Marliacea Cornea**—Similar to alba, except in color, which is soft flesh pink. **Each, 75c, postpaid.**

**Odorata**—This is the popular fragrant Pond Lily of New England. Flowers are white, stamens yellow; very fragrant; easily grown. **Each, 30c, postpaid.**

**Auratum**



## Hardy Perennial Plants

We have made very careful selection of varieties that are suitable for Colorado.

The roots are all "home grown" and are dependable. Sure to bloom next season.

Time for planting is from March 15th to June 1st.

**Prices:** For any of the following, except where priced differently, good size plants, each, 15c; 2 for 25c; 12 for \$1.25, postpaid.

You can easily make up an order in assortment and avoid of quantity price.

**Bleeding Heart**—Drooping, heart-shaped flowers, large roots. Postage, 5c each extra.

**Campanula Media**—Canterbury Bell, blue, white and rose; 2 ft.

**Campanula Carpatica**—Bellflower, blue and white. Harebell.

**Campanula Calycanthema**—Cup and Saucer, assorted colors; 2 ft.

**Columbine**—Aquilegia Hybrida, common, assorted colors; 1 ft.

**Columbine**—Aquilegia Coerulea. The true Rocky Mountain Columbine; 1 foot.

**Coreopsis**—Lanceolata Grandiflora. A beautiful yellow; 1 ft.

**Delphinium**—Belladonna. Beautiful turquoise blue; 2 ft.

**Delphinium**—Formosum. The old favorite dark blue variety; 4 ft.

**Digitalis**—The well-known Foxglove; 3 ft.

**Daisy**—Bellis Perennis. White and pink English Daisy. 10c each; doz., \$1.00, postpaid.

**Daisy**—Shasta. The Alaska strain, large, branching; 2 ft.

**Gypsophila**—Paniculata. The well-known Baby's Breath; 18 in.

**Gaillardia**—Grandiflora. Orange, red, brown, crimson; 18 in.

**Hardy Ferns**—Aspidium Felix Mas. Do well in ordinary garden. By mail, 5c each extra.

**Helianthus Multiflorus**—Hardy Sunflower. Looks similar to Golden Glow, though never has the red aphid bugs; 5 to 6 ft.

**Hemerocallis Flava**—Lemon Lily or Yellow Day Lily; 3 ft.

**Hemerocallis Fulva**—Orange Day Lily; 3½ ft.

**Lycnis Chalcidonica**—Burning Bush. White and red; 2 ft.

**Monarda Didyma**—Horse Mint. Rose and scarlet; 2 ft.

**Poppy, Oriental**—Assorted colors; 3 ft.

**Pinks, Hardy Garden**—In assortment; 1 ft.

**Platycodon Grandiflora**—Large Harebell, or Balloons; blue and white.

**Pyrethrum Roseum**—Daisy-like flowers; mixed; 18 in.

**Pyrethrum Album**—White daisy flowers; 18 in.

**Perennial Flowering Peas**—Mixed, containing white, purple and rose; climber.

**Physostegia**—Dragon Head. Pink and white; 3 to 4 ft.

**Pentstemon**—Beard tongue flower. Five varieties; 2 to 3 ft.

**Rudbeckia**—The popular Golden Glow; 6 ft.

**Sweet William**—Double. Assorted colors; 18 in.

**Sweet William**—Single. Many colors; 18 in.

**Tritoma Pfitzeri**—Red Hot Poker or Torch Lily. Each, 20c; 2 for 35c, postpaid.

**Valeriana**—Garden Heliotrope. Very fragrant; 3 ft.



## HOLLYHOCKS

Hollyhocks are undoubtedly among the most ornamental and handsome garden flowers, with their tall spikes, dotted all the way up with large flowers of the most lovely shades of color. A slight protection during the winter will be beneficial. We have strong field grown roots of choice **Double Varieties, White, Buff, Yellow, Maroon, Red, Pink and Blush.** One year old roots. Each 15c; 12 for \$1.25, postpaid.

One of each of the seven colors for 75c, postpaid.

## IRIS

**Iris, German (Fleur-de-Lis or Flag Iris)**—Plant in a sunny location, where well drained. They almost out rival the orchid in delicacy and richness of coloring.

We supply roots selected to color, **Yellow, Blue, White, Maroon, Purple, Pink, Variegated.** Each 15c; 2 for 25c; 12 for \$1.25, postpaid.

**Iris, Japanese (Iris Kaempferi)**—The Japanese Iris is quite distinct from all others, and never fails to excite the admiration of all who see it. It has the richest colors of the Iris family and can be compared to orchids. Our stock includes many varieties. Each 20c; 6 for \$1.00.

If you will order \$2.00 worth of Iris we will give special premium of Mr. Harrison's book, "Iris Manual," free.



German

## PAEONIES

Once planted will last a lifetime. We urge liberal plantings. They do well in almost any soil. Cultural directions are sent with each order if asked for. Each root has 2 to 3 eyes.

An important point to observe in the planting is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowers.

**Prices, except where noted:** Each 25c; 5 for \$1.00, postpaid.

**Alba Grandiflora**—Pure white, very large; blooms late.

**Early Rose**—Pink color, in clusters; very fragrant.

**Festiva Maxima**—Pure snowy white, flaked with small crimson spots at center; grandest white in cultivation; very double. Queen of all Paeonies. Each 50c.

**Golden Harvest**—Silver pink changing to white, with yellow center.

**La Tulip**—Softest blush with streaks of carmine; very fragrant; fine shape and long stem. Each 50c.

**Late Rose**—Pink, and fine rose scented; late blooming.

**Rosea Superba**—Brilliant deep cerise pink; large and compact; free bloomer.

**Rubra Multiflora**—Double crimson with large flowers.

**Rubra Officialis**—Bright crimson; globular shape; very early.

**Queen Victoria**—Outside pure white, center creamy white, inner petals tipped with carmine; large flowers.

**Unnamed Paeony Roots** can be supplied selected to color. **White, Pink, also Crimson.** Each 20c; 6 for \$1.00, postpaid.

**Free**—Mr. Harrison's book, Manual on Propagation and Cultivation of the Paeony, free with orders for Paeonies amounting to \$2.50 or more. Ask for it when ordering.



## HARDY PHLOX

The beauty and usefulness of these grand border plants give them a deservedly first place among the hardy plants. The best effects to be had with Phlox are produced by planting masses of each color. A very wide range of color is now to be had, and, planting them in this manner, the Phlox will be the pride of the garden.

They succeed in almost any soil enriched with manure, but are much benefited by a mulching of well-rotted manure in spring, and in hot weather an occasional soaking of water.

A very great increase of bloom may be gotten from Phlox by cutting back the tip growth in June and thus encouraging the plants to branch more.

Order \$2.00 worth of Phlox roots and receive free Mr. Harrison's book, "Manual on Cultivation of the Phlox." Price for book alone, 25c.

Price, any of the following named varieties: Each 15c; 2 for 25c; 12 for \$1.25, postpaid.

**Couquelicot**—Pure scarlet with deep red eye.

**Esperence**—Fine large pink with light eye.

**Eclipse**—Dark purple red.

**Edmond Rostand**—Reddish violet, large white star-shaped centre.

**Lavender**—A pure lavender color, very branching.

**La Vogue**—Pure mauve with aniline red eye.

**Mrs. Jenkins**—A beautiful early pure white.

**Robert Werner**—Deep blush with bright pink eye.

**Thebaide**—Carmine lake with red eye.

**Twilight**—Light gray darkening toward magenta centre.

**Von Lossburg**—Purest white of very large flowers.

**Wm. Robinson**—Rich salmon scarlet.

The above twelve are the cream of the market.

## CLIMBERS FROM BULBS

Not Strictly Hardy Though Endure Mild Winters.

**Apios Tuberosa**—Are beautiful in foliage with blossoms of deep purple color. Vine and foliage resemble Wistaria; often called Tuberos Wistaria; grows 8 to 10 ft.; should be more extensively planted. Large tubers. Each 10c; 3 for 25c, postpaid.

**Cinnamon Vine**—This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon and is appropriately called the Cinnamon Vine. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly as to completely cover any trellis or arbor early in the season. Large tubers, 10c; 3 for 25c. Good second size tubers, 2 for 15c, postpaid.

**Madeira Vine**—While it grows most anywhere, it does best in a warm, sunny location. Has a small white flower. Foliage of waxy appearance. Madeira tubers are not hardy, though they are excellent climbers, thus we place them in this list. Strong tubers, 2 for 10c; dozen, 40c, postpaid.



## HARDY CLIMBING VINES

We urge our Western friends to plant more extensively of these hardy varieties, especially for trellis, verandas and walls. All are of easy culture. When once planted require very little further attention.

When by express we can give larger roots.

**Ampelopsis Engelmanni** (Engelmann's Ivy)—One of the hardiest, best and quickest growing climbers for the North and Northwest. Quite similar to the Virginia Creeper, but vastly superior to it, the foliage being cleaner, of greater substance and not turning yellow during the early fall, and almost perfectly free from insects. The leaves color up beautifully in the fall. Two year old roots, postpaid, for 35c; large 4 year old, 50c each, by express, not prepaid.

**Ampelopsis Quinquifolia** (Virginia Creeper or Woodbine)—Luxuriant in growth, with handsome foliage turning to bright crimson in the fall. Very hardy vine for covering old tree trunks, walls or fences. Strong plants, 20c each, 3 for 50c, postpaid; large 3 year old roots, by express, 35c.

**Ampelopsis Veitchii**—The improved Boston Ivy is a grand clinging climber for walls, churches, schools, etc.; clings to brick walls. Each 30c, by mail; large roots by express, 20c; 3 for 50c.

**Bignonia Radicans** (Trumpet Vine)—Dark red orange throat, free blooming. Very hardy and rapid grower. Useful for covering unsightly places, stumps, or wherever a showy flowering vine is desired. Each 35c, postpaid. Large roots by express, 40c each.



## CLEMATIS

The Large-Flowered Clematis are the most beautiful of all our flowering vines. The flowers are large, often measuring 4 to 6 inches across, and are borne in great wreaths and clusters during July and August. The colors are rich, royal purple, wine color and pearly white. The vines are of slender, wiry growth and require some support that they can twine around, like a rod, pole or wire. The varieties we have are best suited to our climate.

**Jackmanni**—Has rich, deep velvety purple flowers, is the most satisfactory. Healthy two-year-old roots by mail, 50c; extra large roots by express, 75c.

**Jackmanni Alba**—Similar to the above except in color of blossom, which is pure white. Good roots by mail, 35c each.

**Mme. Baron Veillard**—Reddish purple, or light rose with lilac shading. Each 35c, postpaid.

**Duchess of Edinburgh**—A new variety being double and pure white; makes an excellent contrast with the others. Vigorous roots, 50c each, postpaid.

**CLEMATIS—Paniculata—White Star Flower**

The finest small flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white, deliciously fragrant, and produced with the greatest freedom. It flowers in September, when few other vines are in bloom. This is the easiest to grow and most popular of all the small flowered vines. Each 30c, postpaid.

**Notice**—Clematis are very freaky, sometimes die from no apparent cause. We cannot be responsible for such. We send out the roots in good condition.

If you want shrubs not enumerated in our list, send in your order and we will get same for you.

**Dutchman's Pipe**—A magnificent, rapid growing, hardy vine, with large, light green, heart-shaped foliage. Its flowers are of a brownish color, resembling a pipe in shape, hence its name. One of the best for verandas, archways, etc. Each 50c, postpaid.

## HONEYSUCKLES

**Halleana**—Flowers pure white, changing to yellow, the foliage almost evergreen; blooms from July to October. Choice roots, 35c each, postpaid.  
**Scarlet Trumpet**—Fuchsia-like scarlet flowers in abundance all the summer and fall. Our roots are extra large. Each 40c, postpaid.  
 For hardy Shrub Honeysuckles, see Hardy Flowering Shrubs.

## WISTARIA

A well known climber suitable for long climbs on porches, around bay windows, etc.

**Sinensis**—Purple flowers. Large roots, 35c each, postpaid.

**Alba**—White flowers. Large roots, 50c each, postpaid.

## HOP VINE

The Common Hop makes a quick growth and is very suitable for arbors and covering unsightly places. Each 15c; 2 for 25c, postpaid.

## HARDY HEDGE PLANTS

There are really but few plants that will live through our winters with any degree of satisfaction. We have arranged with a Nursery in Northern Wisconsin to supply on our orders for Arbor Vitae, thus orders for the two sizes mentioned will be mailed direct to our customers in April and May.



### ARBOR VITAE

A very beautiful hedge; while slow in growth is hardy and easily trained to beautiful shape and ornamentation. Directions for culture with each order.  
 12 Select Plants for 40c; 25 for 75c; 100 for \$2.25.  
 We prepay all postage on above.

### BARBERRY

Very hardy; the foliage varies in color, making it very ornamental. This stock is rather large for mailing. This season we can supply Purple, also Green. Each 15c; 2 for 25c; 12 for \$1.25; 100 for \$9.00; not prepaid.

### PRIVET—Hardy

A type of Privet originally from Siberia. Has become acclimated to our climate and we believe much preferred over the old favorite California Privet, thus we offer it instead. Size 18 to 24 inches, 12 for \$1.50, 100 for \$10.00; size 24 to 36 inches, 12 for \$2.00; 100 for \$15.00; all by express, not prepaid.

**Yellow Persian Rose**—Very hardy; fragrant. Each 25c; dozen, \$2.50; not prepaid.

**Sweet Briar (English Wild Rose)**—Very well known; grows rapidly and strictly hardy. Each 25c, not prepaid; dozen, \$2.50, by express.

### LILAC HEDGE

Nothing more beautiful when properly trimmed and trained. We recommend these for line fences on city lots; 2 to 3 feet. Special price while supply lasts, 12 for \$1.50; 100 for \$10.00; by express only.

## HARDY FLOWERING SHRUBS

Shrubs judiciously distributed around a home add much to the value of the property. We urge all home owners to buy liberally. We include in our list only worthy varieties. Special cultural directions free with orders.

All our stock is field grown, is 2 years old, and exceedingly large to mail. Our prices are for stock packed and delivered to express or freight office in Denver. If must go by mail add postage, which will average 15c for single plant, 2 for 25c, 3 for 35c, when in one parcel.

**Almond, Double flowering**—The first shrub in the spring to bloom with a mass of little rosette blossoms. Have Double White and Double Pink. Either, 35c each; 3 for \$1.00.

**Althea (Rose of Sharon)**—Very free flowering, of easy culture and especially desirable on account of blooming in August and September. Flowers resemble double hollyhocks. Can supply Double Pink, Red and White. Each 35c; 3 for \$1.00.

**Bridal Wreath**—Pure snow white flowers, which are borne in great profusion; perfectly hardy. Each 35c; 3 for \$1.00.

**Calycanthus (Sweet Scented Shrub)**—Flowers are of a rare chocolate color, double and of exquisite fragrance. The wood is fragrant. Each 35c; 3 for \$1.00.

**Fern or Cut Leaf Sumac**—A beautiful large growing shrub, having delicate fern-like foliage and brilliant scarlet fruit in the autumn. Large plants, fully 3 feet, each 40c, by express only.

**Golden Leaved Elder**—The beautiful golden foliage makes it especially attractive for center of groups of shrubs. Is very robust grown. Each 35c; 3 for \$1.00.

**Hydrangea Paniculata Grandiflora**—The blossoms are of immense size, that come out white at first, turning to rose and lasting several weeks. No grander shrub in existence. We suggest extra winter protection and trimming back the young growth. Strong plants, 35c each; 3 for \$1.00.

**Honeysuckle, Tartarian**—Very hardy and suitable for any location; blooms in July and continues little red berries through August. We offer White and Pink, 35c each; 3 for \$1.00.

### LILAC

The improved varieties are very superior, and, being perfectly hardy, should be planted liberally.

**Double Flowering**—White, also pink blossoms. 40c each.

**Persian**—Has very bright color flowers, with smaller foliage than the common. Can supply white, also pink. 40c each.

**Common**—Grows very freely; white, also pink. 25c each; 3 for 65c.

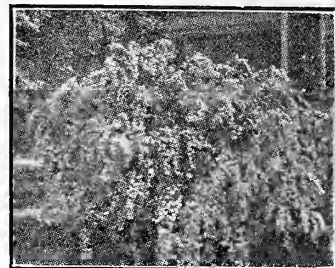
Lilacs for hedges are very attractive. See "Hardy Hedge Plants."

**Japan Quince**—Large, bright scarlet flowers in May; called by some, "Fire Bush." 35c each; 3 for \$1.00.

**Mock Orange**—Pure white flowers, with Jessamine fragrance. 35c each.

**Snowball, Japanese**—Blossoms in early June with numerous large globular white flowers. The shrub is simply white when in bloom. Large plants, 40c each.

**Snowball, Common**—Is popular everywhere. 25c each; 3 for 65c.



Bridal Wreath



## HARDY HYBRID PERPETUAL ROSES

This stock is all 2 year old, field grown. The varieties we offer are suitable for our climate and will please. They are not tender greenhouse stock. Are kept dormant and trimmed back before shipping. Full cultural directions are sent with the plants. Our prices are low for this grade of hardy field grown plants. Stock ready from March to May 1.

**PRICES**—Any of the following Hardy Roses, 2 years old, delivered anywhere in United States, each 40c; dozen, \$4.00. By express or at our store, each 35c; 3 for \$1.00; dozen, \$3.00.

**American Beauty**—The Queen of all Roses, being extra large, full and fragrant. Bright carmine crimson.

**Anna De Diesbach**—A beautiful shade of carmine; very howy and large.

**Baroness Rothschild**—Immense globular flowers of a rich satiny pink.

**Earl Dufferin**—Rich crimson maroon, with large globular flowers on fine, long stems.

**Fisher Holmes**—Deep crimson; very fragrant; very free bloomer.

**Frau Karl Druschke (The White American Beauty)**—Pure white, with immense long buds and double flowers; long stem. One of the very best.

**Gen. Jacqueminot**—Bright, shining crimson; very hardy; a popular variety.

**Gloire de Margotten**—Dark red rose, of good keeping qualities as a cut flower.

**Hugh Dickson**—Brilliant crimson shaded scarlet; large, smooth petals.

**Mrs. John Laing**—Bright, shining pink with long, stiff stems; free bloomer.

**Paul Neyron**—Deep rose of immense size; attractive foliage.

**Ulrich Brunner**—Cherry crimson; large, fine form; very hardy. A popular rose.

**Margaret Dickson**—A beautiful large white, pale flesh center; fine form.

**Gruss an Tepiltz**—Fiery scarlet with dark, velvety sheen; very fragrant.

**Pink Killarney**—A most beautiful pink; buds and flowers are large.

**White Killarney**—White suffused with pale pink; delicious odor.

**Kaiserin Augusta Victoria**—Creamy white; a constant bloomer; very double.

**Persian Yellow**—The hardy old-fashioned semi-double, golden yellow. Each 25c; dozen, \$2.50. Not prepaid.

### MOSS ROSE—Hardy

**Crested Moss**—Rose color, beautifully crested.

## HARDY CLIMBING ROSES

The following varieties are large, 2-year-old, strong plants that are field grown.

**Baltimore Belle**—Large pale blush color, double; grows in clusters.

**Crimson Rambler**—No climber can equal it for its magnificent tresses of bright crimson flowers. Grand for walls, hedges, arches and pergolas.

**Flower of Fairfield**—Similar to Crimson Rambler in every respect, except is more continuous bloomer.

**Dorothy Perkins**—An excellent climber of a most beautiful shell pink; very double.

**Lady Gay**—A delicate cherry pink, changing to a soft white; rich, glossy foliage.

**Prairie Queen**—A bright red, changing as the flower opens to a deep pink

### CLIMBING ROSES BY MAIL—Small Plants

We can supply the following in growing condition taken from 2½ inch pots. Ready March till in June.

**American Pillar**—Pink.

**Crimson Rambler.**

**Dorothy Perkins.**

**Blue Rambler**—Delicate blue.

**Hiawatha**—Single, crimson.

**Flower of Fairfield.**

**Baltimore Belle.**

**Lady Gay.**

**Prices:** 20c each; 2 for 35c; 12 for \$1.50, postpaid.

### COLLECTION OF 5 HARDY ROSES, 2-YR.-OLD, PREPAID, FOR \$1.25

We have a few varieties of our field grown stock that are a surplus, thus we make this offer for prompt acceptance though plants need not be shipped until season is open. The varieties are our selection, though no two alike.

**One Hardy Climbing Rose, Four Hardy Hybrid Perpetual Roses, all Field Grown.** All in good, healthy condition. **The five, prepaid, for \$1.25.**

## EVERBLOOMING GARDEN ROSES

This list comprises Hybrid Teas and other popular summer blooming varieties that are all reasonably hardy, though benefit by some protection of litter, leaves, etc., where winters are severe. We have selected varieties with merit and established qualities. Plants in growing condition.

**Prices**—Any of the following varieties, from 2½-inch pots: Each 20c; 2 for 35c; 12 for \$1.50, prepaid. At our store or not prepaid: Each, 15c; dozen, \$1.25.

**From 4-inch pots:** Each 30c; 12 for \$3.00, prepaid. At our store, or not prepaid: Each 25c; dozen \$2.50.

**Bridesmaid**—Clear pink, good size and shape; fine cut flower.

**Clothilde Soupert**—Double, pearly white, shading to a pure rose pink.

**Gruss an Tepiltz**—Fiery scarlet, with dark, velvety sheen; very fragrant.

**Hermosa**—Beautiful clear rose in clusters; large, double, fragrant.

**Killarney White**—A new, popular, double white; sure to please all rose lovers

**Kaiserin Augusta Victoria**—Creamy white, with a tinge of yellow in center.

**Killarney Pink**—The most beautiful pink ever offered; very distinct.

**La France**—The old favorite satin pink. A dependable variety.

**My Maryland**—The flowers are large, double, of beautiful salmon pink.

**Perle des Jardins**—Clear golden yellow, entirely distinct from any other.

**Richmond**—Scarlet crimson with pointed bud. Profuse bloomer.

**The Bride**—White, tinted with delicate pink. Large and fragrant.



## CHOICE COLLECTION of SMALL FRUITS

The varieties listed are all of established merit and suited for use of Western planters. Special cultural directions free with orders if asked for.

Prices are for No. 1 stock, packed ready for shipping. Should be shipped by express or freight. If wanted by mail, add postage.

### BLACKBERRIES

	Each	Per 10	Per 100
<b>Snyder</b> —Medium size, sweet and juicy; very hardy.....	\$ .10	\$ .75	\$ 6.00
<b>Rathbun</b> —Very large, jet black, of good quality.....	.10	.65	5.00
<b>Kittatinny</b> —Large, roundish, conical, glossy black.....	.10	.75	6.00

If by mail, add for single plant 5c; 20c for 10 plants.

### DEWBERRY

**Lucretia**—A trailing variety of Blackberry, ripening between the raspberry and the blackberry; fruit large, handsome, sweet and luscious. Plant is quite hardy and recommended for Colorado. Price, each 10c; 10 for 80c; 100 for \$6.50.

If by mail, add for single plant 5c; 20c for 10 plants.

### CURRENTS

Our Currants are all Colorado grown, acclimated, choice, 1-year-old plants.

	Each	Per 10	Per 100
<b>Cherry</b> —Large, deep red; fine for preserving.....	\$ .15	\$ 1.00	\$ 9.00
<b>Perfection</b> —Bright red; large and productive.....	.20	1.50	12.00
<b>Black Naples</b> —Large black; a standard variety.....	.20	1.25	10.00
<b>White Grape</b> —Mild flavor, attractive color.....	.20	1.25	10.00

If by mail, add for single plant 5c; 20c for 10 plants.

### GOOSEBERRIES—Large Plants

	Each	Per 10	Per 100
<b>Downing</b> —Largest variety, pale green, very sweet.....	\$ .20	\$ 1.80	\$ 12.00
<b>Houghton</b> —Medium size, pale red, abundant bearer.....	.20	1.80	12.00
<b>Josselyn</b> —Very large, productive, hardy.....	.25	2.00	15.00

If by mail add for single plant 10c; 35c for 10 plants.

### RASPBERRIES

Northern Colorado has become famous for the excellent Raspberries that are shipped to all parts of the West. We supply the popular varieties.

	Each	Per 10	Per 100
<b>Cuthbert</b> —Red; berries are very large, deep rich crimson; stands shipping well.....	\$ .10	\$ .50	\$ 4.00
<b>Marlboro</b> —Red; very early; light crimson; hardy and productive.....	.10	.60	5.00
<b>Kansas</b> —Black; early, large and very productive; extremely hardy.....	.10	.60	5.00
<b>Gregg</b> —Large, black cap; heavy bearer.....	.10	.60	5.00

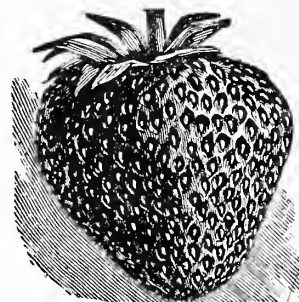
If by mail add for single plant 3c; 15c for 10 plants.

### LOGANBERRY

The fruit is larger and longer than the blackberry and produced in immense clusters. The color is a dark red. Is an excellent table fruit, also makes splendid jelly and jams. Price, each 20c; 10 for \$1.75. If by mail, each 25c; 10 for \$2.00.

### ST. REGIS EVERBEARING RASPBERRY

Bears the first year and continues to yield from late June until in September without intermission. Berries are large, a beautiful red and excellent flavor. Every garden should have this variety. Each 20c; 3 for 50c; 10 for \$1.50. If by mail, each 25c; 10 for \$1.75.



### STRAWBERRIES

We have aimed to include only those varieties which have proven most reliable and suitable for our western country. The plants are trimmed and packed so as to carry safely and not overheat in transit. The perfect flower varieties will succeed even without the pistillate varieties. Plants are put up in neat bundles.

**Aroma**—Similar to Jucundas, though larger and a heavier cropper.

**Bederwood**—Fruit is large and firm, bright scarlet; early.

**Captain Jack**—Very early, pointed shape.

**Jucundas**—Medium size fruit; a good producer and very popular in Colorado.

**Glen Mary**—Good shipper, round shape.

**Senator Dunlap**—Large fruit, deep red to the center; ripens early.

Price for any above Strawberries, in April and May: Postpaid, 12 for 25c; 50 for 60c; 100 for \$1.00. By express, not prepaid, 12 for 15c; 50 for 40c; 100 for 75c; 1,000 for \$5.00.

### STRAWBERRY PLANTS IN FALL

In September and October we will have plants of above varieties. If set in fall they will fruit some the following season.

**Plants in Pots**—We have growing, rooted into soil in 2½ and 3 inch flower pots, Aroma, Jucundas and Senator Dunlaps that we offer for shipment by express in pots. 12 for \$1.00; 100 for \$6.00. Ready in September. Orders should be booked ahead, since our supply is limited. Plants in pots give best results.

### EVERBEARING STRAWBERRY

Yes, actually bearing fruit all summer. Last season in Denver there were ripe berries the last of June and kept up until killed by frost in September. Really wonderful in the continued productiveness. Berries are delicious. Our supply of young plants is limited. Will begin filling orders in April. Order now. Six good plants for 75c; 12 for \$1.25, postpaid.

### GRAPES

Our Grape Vines are good, large stock which will do well in Colorado.

	Each	Per 10
<b>Campbell's Early</b> —Large, handsome clusters; berries are large, round and black; ripens early.....	\$ .20	\$ 1.50
<b>Catawba</b> —Berries are large, of coppery red color, becoming purplish when well ripened.....	.20	1.50
<b>Concord</b> —The well known standard black variety; succeeds well everywhere. Very hardy.....	.15	1.25
<b>Moore's Early</b> —Large black, resembling Concord, though earlier; hardy and flourishes on rich soil.....	.15	1.25
<b>Niagara</b> —Berry is very large; green, changing to a pale yellow when ripe; thin skin.....	.20	1.50

Grape Vines can be mailed at additional cost averaging 5c each.

## CHOICE FRUIT TREES

We have increased our assortment of western grown stock and offer only varieties we believe to be suitable and dependable. We make no substitutions unless explained and so labeled. We urge all planters to study the subject of spraying with insecticides. It is essential in successful fruit-raising.

Our stock has been carefully inspected by the State Horticulturist. A certificate of same accompanies each lot.

Book, "Amateur Fruit Growing," by Green, 134 pp., 25c postpaid.

### APPLES

- Ben Davis**—A very dependable variety for high altitude; makes good size and is sure cropper.
- Gano**—An improvement over the original Ben Davis. A profitable variety for the West.
- Gehmes Golden**—Yellow color, good size, excellent quality, and very productive.
- Jonathan**—Red color, medium size, extra quality. The most profitable variety in Colorado.
- Winesap**—Large fruit, deep red, medium quality. An excellent keeper.
- Red Astrachan**—Large, beautiful, deep crimson. One of the best summer apples.
- Yellow Transparent**—White, tender and juicy; earliest of the summer varieties.

### Crab Apples

- Hyslop**—Large, deep crimson; one of the most beautiful.
- Red Siberian**—Large, very popular and exceedingly hardy.

Prices—Any above varieties Apples, 3 to 4 ft. size: Each 35c; 10 for \$3.00; 100 for \$25.00. 4½ to 5 ft. size, each 50c; 10 for \$4.00; 100 for \$35.00.

We can supply other varieties promptly. Write us your wants.

### PEARS

- Bartlett**—Large fruit; the most popular summer variety. Yields well.
- Clapp's Favorite**—Very large, yellow and dull red.
- Kieffer**—Extra large, and especially good for canning.
- Seckel**—Small, yellowish brown, red cheek; liked for pickle.

Any above varieties Pears, 4 to 5 ft. size: Each 50c; 10 for \$4.00; 100 for \$30.00.

### APRICOTS

- Alexander**—Large orange yellow, spotted red; juicy, sweet and delicious. Hardy and a good producer.
- Moorpark**—Deep yellow, blushed red; firm and juicy. The standard of excellence.

Prices, 3 to 4 ft. size: Each 50c; 10 for \$4.00; 100 for \$30.00.

Orders for fruit trees may be made up of assortment and get benefit of quantity price. Note this saving when buying from us. Stock right here in Denver.

### PEACHES

Our list of Peaches is confined to varieties that have proven valuable in Colorado.

- Crawford's Early**—Fruit is large, very yellow with bright red cheek; quality excellent. Freestone.
- Elberta**—Yellow with beautiful blush; firm but tender and good. A very dependable freestone variety.
- Salway**—Large, dull yellow, mottled with brownish red; productive and strong growing. Freestone.
- Triumph**—Orange red, medium size; is very hardy and desirable as a family peach. Semi-cling.

Price for any above Peach trees, 3 to 4 ft. size: Each 25c; 10 for \$2.00; 100 for \$18.00.

### PLUMS

Plums have proven very profitable, even where little water, but frequent cultivation—a dry farmer's crop.

- Abundance**—Large, bright cherry red; firm, sweet and excellent. A profitable market sort.
- Danison**—A deep purple, delicious, fine for preserves; stands rough handling. Old popular variety.
- German Prince**—Large, dark blue with a dense bloom. Excellent for preserving.
- Wild Goose, Improved**—Bright red, very sweet and juicy when fully ripe. Hardy and very prolific.

Price, select trees, 3 to 4 ft.: Each 50c; 10 for \$4.00.

### CHERRIES

- Early Richmond**—Clear, bright red; quite acid. A good market sort and good for cooking.
- Montmorency, Large**—The best sour cherry on the market; are very hardy; are heavy bearers and are as near ideal as is obtainable. For canning, preserving, shipping and home use are unequaled.
- Osthimer**—Large, heart-shaped, almost black when ripe. Late and produces well.
- Royal Ann**—A beautiful, large, pale yellow, sweet cherry, with a bright red cheek; best of the sweets.

Price, 3 to 4 ft. size: Each 40c; 10 for \$3.50.

### QUINCE

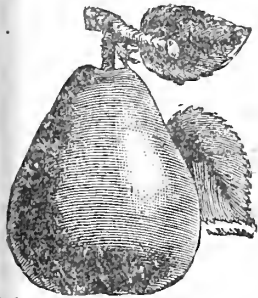
The Quince fruit is always in demand. The trees, however, frequently meet with trouble, such as blight.

- Orange**—One of the best for cooking; golden yellow flesh; firm, good flavor. A valuable variety. 2-year-old stock, 3 to 4 ft. tall, each 40c; 10 for \$3.50.

### MULBERRY

A hardy tree, foliage an excellent food for silk worms.

- Russian Mulberry**—The grafted stock produces fine dark red to black, delicious berries. The best Mulberry. Select trees, 4 to 5 ft., each 50c; 10 for \$4.00.



## SHADE TREES

In our Western cities the demand for good, shapely specimens of Ornamental Shade Trees is greater than the supply of really home-grown, acclimated stock. We are enabled to supply a limited number of the popular varieties in different sizes. The prices depend much on the particular trees, thus we quote approximately.

The principal varieties are: **White Ash, White Elm, Soft Maple, Carolina Poplar, Locust and Russian Olive.** Of these we have good, healthy, shapely trees, home-grown. Especially suitable for Denver and Colorado.

Size 1 inch diameter, each \$ .75; 10 for \$ 7.00  
 Size 1½ inch diameter, each 1.00; 10 for 9.00  
 Size 2 inch diameter, each 1.50; 10 for 14.00  
 Size 2½ inch diameter, each 2.00; 10 for 18.00  
 Size 3 inch diameter, each 3.00

Larger sizes and special specimens quoted on application.

Our prices include suitable packing and delivery in city or express or freight office.

### COLORADO BLUE SPRUCE (*Picea pungens*)

This is well known for its beautiful, rich, silvery blue foliage, symmetrical shape and perfect hardiness.

Specimens 20 to 24 inches tall, each \$1.50; 30 to 36 inches, \$2.00 each. Larger sizes on application.

### FOREST TREE SEEDLINGS

We have growing a stock that are one year old that make excellent windbreaks, also produce post timber, etc.

### ELM, ASH, LOCUST, MULBERRY AND SOFT MAPLE

Size 8 to 15 inches high. 100 for \$1.50; 1,000 for \$10.00. Can be mailed at additional cost of 40 to 50c per 100 extra.

### RUSSIAN OLIVE SEEDLINGS

This tree is very hardy, a quick grower and destined to be very much in demand. We can supply good seedlings this spring. 100 for \$2.50; 1,000 for \$20.00. If by mail, add 50c per 100.

Get your nursery stock orders booked early.

## FRUIT TREES, GRAPE VINES, SMALL FRUITS BY MAIL

In Special Collections. Postpaid by Mail Anywhere in U. S.

In order to enable planters to secure good varieties and in good condition at least we have set aside a limited amount of sound one-year-old trees and vines, cut back, suitable for mailing, at especially low prices. We guarantee safe arrival, by mail or express, prepaid. You will be well pleased. Please send orders in early. We begin shipping in March and April, using our judgment as to location and varieties selected. Each specimen is properly labeled.

**RANCHERS:** Plant liberally of Ponderosa Yellow Pine. Is very hardy; grows well on prairies.



## DOLLAR COLLECTIONS—ALL PREPAID

Order by the Letter

Collection "A" consists of 4 Apples and 2 Pears; all different.  
 Collection "B" consists of 3 Winter Apples and 3 Early Apples; all different.  
 Collection "C" consists of 3 Pears and 2 Quinces; all different.  
 Collection "D" consists of 2 Cherries and 4 Plums; all different.  
 Collection "E" consists of 3 Early Peaches and 3 Late Peaches; all different.  
 Collection "H" consists of 4 Currants and 4 Gooseberries.  
 Collection "K" consists of 3 White Grapes and 3 Black Grapes.  
 Collection "L" consists of 6 Red Raspberries and 6 Black Raspberries.  
 Collection "M" consists of 6 Dewberries and 4 Red Raspberries.  
 Collection "P" consists of 25 Strawberries in 4 varieties.

## EVERGREEN TREES BY MAIL

POSTPAID—12 PACKAGES AS BELOW

Fine for Hedges, Windbreaks and Ornamental Lawn Planting. These packages cannot be broken. By mail, postpaid, price \$1.00 per package, 6 packages for \$5.00.

Complete planting instructions and cultural directions will be furnished with each order. Order by the number.

Owing to the widespread interest in forestry and woodlot planting, farmers and land owners all over the country are beginning to realize that the establishing of woodlots or shelterbelts is just as important as the raising of staple crops and the profits larger and more sure. Evergreen hedges and rows of trees between fields tend not only to increase the fertility of the soil, but by their ornamental appearance add considerable to the cash value of the farm.

These varieties are all those which have been thoroughly tested and are proven absolutely hardy and reliable and will grow successfully in all parts of the country. Complete planting instructions and cultural directions will be furnished with each order sent. Send in your orders as early as possible to avoid disappointment, as stock is limited. Shipment will be made in March, April or May. You cannot afford to overlook these wonderful collections.



No. 1—100 Norway Spruce	2 yr. Seedlings	No. 7—50 White Spruce	3 yr. Seedlings
No. 2—100 Scotch Pine	2 yr. Seedlings	No. 8—75 Austrian Pine	2 yr. Seedlings
No. 3—25 Blue Spruce	2 yr. Seedlings	No. 9—100 Ponderosa Pine	2 yr. Seedlings
No. 4—100 White Pine	2 yr. Seedlings	No. 10—50 Concolor Fir	2 yr. Seedlings
No. 5—100 Douglas Fir	2 yr. Seedlings	No. 11—100 Dwarf Mt. Pine	2 yr. Seedlings
No. 6—100 Jack Pine	2 yr. Seedlings	No. 12—100 Flexilis Pine	3 yr. Seedlings



## GOOD BOOKS---All Standard

Prices Include Postage, Unless Priced Otherwise



	Each
Asparagus—By F. M. Hexamer; illustrated, 174 pp., cloth.....	\$ .50
Amateur Fruit Growing—By Green; illustrated, 134 pp., paper.....	.25
Broom Corn Culture—By Prof. McCall; illustrated, 60 pp., cloth.....	.50
Beautiful Flower Garden—By F. Schuyler Mathews, paper.....	.40
Cabbage, Cauliflower and Allied Vegetables—By Allen; 128 pp., cloth.....	.50
Cabbages: How to Grow Them—By J. J. H. Gregory; paper.....	.30
Carrots, Mangold Wurzels, Etc.—By J. J. H. Gregory; paper.....	.30
Celery for Profit—By T. Greiner; paper.....	.20
Country Kitchen: Cook Book—Contains 900 recipes; paper.....	.25
<b>Making the Farm Pay—By Bowsfield; 300 pp. The most useful farm book ever published. It tells how to get the biggest returns from the soil and make farm life more attractive and successful. Farming opportunities, the marketing of produce, the raising of vegetables, fruit and poultry, dairy products, and all phases of agriculture are discussed by an expert.....</b>	<b>1.00</b>
<b>Dry Farming—By Dr. Widsote, President Utah Agr. College; 444 pp., cloth.....</b>	<b>1.50</b>
Evergreens and How to Grow Them—By C. S. Harrison; 100 pp., paper.....	.25
Farm Blacksmithing—Practical and instructive, 100 pp.; cloth 50c; paper.....	.25
Home Floriculture—By C. N. Page; illustrated, 173 pp., paper.....	.25
Hints and Helps for Young Gardeners—By Hemenway; illustrated.....	.35
How to Grow Melons, Both Watermelons and Muskmelons; paper.....	.20
Forage Crops, Other Than Grasses—By Shaw; illustrated, 300 pp., cloth.....	1.00
Iris Manual—By C. S. Harrison; tells how to raise them; paper.....	.25
Lawns and How to Grow Them—By Leonard Barron; 174 pp., cloth.....	1.10
Landscape Gardening—By F. A. Waugh; illustrated, 150 pp., cloth.....	.75
New Rhubarb Culture—A complete guide; 130 pp., cloth.....	.50
New Onion Culture—By Greiner; illustrated, 140 pp., cloth.....	.50
Onions: How to Raise Them Profitably—Paper.....	.20
Paeony Manual, Revised—By C. S. Harrison; paper.....	.25
Phlox Manual—By C. S. Harrison; paper.....	.25
The Potato—By Eugene Grubb of Colorado; 544 pp., cloth.....	2.00
Squashes—By J. J. H. Gregory; paper.....	.30
Silos, Construction and Service—Cloth bound.....	.50
Tomato Culture—By W. W. Tracy, U. S. Agr. Dept.; illustrated, 150 pp., cloth.....	.50
Vegetable Gardening, Revised Edition—By Green; 256 pp., paper.....	.50
Vacant Government Land and How to Get It—112 pp., paper.....	.25
Weeds and How to Eradicate Them—By Shaw; illustrated, 240 pp., paper.....	.25
Window Flower Garden—By Heinrich; illustrated, 123 pp., cloth.....	.50

## FOR RAFFIA WORKERS

Basket Making—How to do it; 32 pages. Each, 25c.

Indian Basketry—How to make Indian and other baskets, by James, revised; 402 pages. Each, \$2.50.

Other books can be supplied on application. Write us.

For POULTRYMEN'S BOOKS See Inside Back Cover

## PARCEL POST RATES ON MERCHANDISE

Within the United States and Possessions (Seeds, Bulbs, Plants and Roots not included)

Many articles may be transported at little extra cost by mail. Accordingly, we have named the weights, packed, for many articles; thus you can estimate the approximate cost, delivered, by consulting the table of Parcel Post Rates. Any surplus postage will be returned.

In Local, First and Second Zones, 50 Pounds Is the Maximum Limit.				In All Other Zones, 20 Pounds Is the Maximum Limit.					
Weight pounds	*Denver Local Rate	1st Zone 50 miles rate	2nd Zone 50 to 150 miles rate	3rd Zone 150 to 300 miles rate	4th Zone 300 to 600 miles rate	5th Zone 600 to 1000 miles rate	6th Zone 1000 to 1400 miles rate	7th Zone 1400 to 1800 miles rate	8th Zone all over 1800 miles rate
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40

\*Local rate includes all of Denver, with rural deliveries from Stockyards, Fortieth Street Station, Montclair, South Denver, Englewood and Highlands.

Package must not be greater in size than 72 inches in length and girth combined.

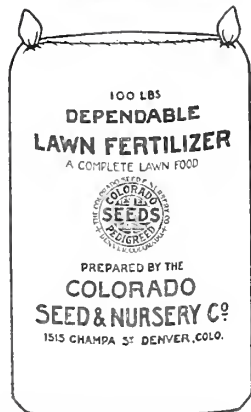
Package may be insured against loss to not exceed \$50 for 10c fee.

Poisons and bad odor articles cannot be mailed.

Parcels weighing four ounces or less are mailable at the rate of one cent for each ounce or fraction of an ounce, regardless of distance. Parcels weighing more than four ounces are mailable at the pound rate, as shown by this table, and when mailed at this rate any fraction of a pound is considered a full pound.

Books weighing 8 ounces and less are 1c for 2 ounces, regardless of zones. Books weighing over 8 ounces, the regular merchandise zone rates apply after March 16, 1914.

We make no charge for packing, carting or shipping, thus your goods are safely delivered to postoffice, railway station or express office this city. If you experience any loss by freight or express, write us; we will assist you when possible in getting redress; however, our responsibility ceases after getting a clear receipt from transportation company.



## DEPENDABLE LAWN FERTILIZER

### A Complete Lawn Food

Every lawn needs more or less of a good plant food to keep up its continual refreshed growth. You can't expect the grass to continue green and vigorous without nourishment and also water. There are many cheap, so-called lawn dressings on the market; some are sold regardless of merit and purchasers take them without consulting their contents. A good plant food must contain certain ingredients. We know this and thus have our Dependable Lawn Fertilizer made under a high-grade formula. It contains 5 per cent ammonia, 9 per cent available phosphoric acid, 1 per cent potash, with other available plant foods. Compare this with the cheap article. 100 lbs. is sufficient for 2,000 square feet of lawn. 10 lbs. for 40c; 25 lbs. for 75c; 50 lbs. for \$1.35; 100 lbs. for \$2.50.

### FINE BONE MEAL

Used extensively by florists. Is suitable for roses and other flowering plants, also excellent for sweet peas. Since bone is the base for all fertilizers, you can get results by applying this Meal to any growing vegetation, especially the lawn. 10 lbs. for 40c; 25 lbs. for 75c; 50 lbs. for \$1.35; 100 lbs. for \$2.50.

### NITRATE OF SODA

A fertilizer very quick in action and used for the nitrogen it contains. It creates rapid growth, is odorless, very quickly and entirely soluble. It should be applied only when the plants are above ground, usually in combination with other chemical fertilizers. 1 lb., 10c; 3 lbs. for 25c; 10 lbs. for 75c; 25 lbs. for \$1.50; 100 lbs., \$5.50.

### "EVERGREEN" FLOWER AND LAWN FERTILIZER

Odorless and Sanitary—Very Concentrated

It is prepared after an established formula, combining plant food and proper nutriment for quick action on house plants, especially palms, ferns and rubber plants, also window boxes and likewise garden plants. Full directions and leaflet, "Care of Indoor Plants," free. 1/2-lb. can for 25c; by mail, 30c; 1 1/2-lb. can, 50c; by mail, 60c; 12-lb. can, \$2.00, not prepaid.

### EXCELSIOR PLANT FOOD

A concentrated odorless house plant food. Directions on each package. 2 1/2-oz. can makes 3-gallon solution. 10c; by mail, 13c; 5-oz. can, 20c; by mail, 25c.

### JAPANESE PALM FOOD

Prepared expressly for use on growing palms and ferns. Per package, 20c; by mail, 30c.

### FARMOGERM—A Nitrogen Culture

Ask for literature regarding this wonderful fertilizer. Recommended for alfalfa, clover, beans, peas, especially sweet peas. Garden size pkg., 50c; acre size bottle, \$2.00.

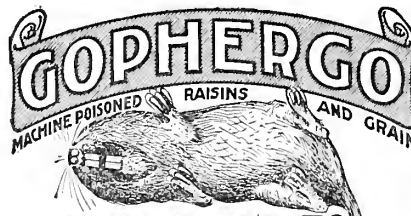


### STERLINGWORTH PLANT TABLETS

Dissolve in water and penetrate the soil to the smallest rootlet. Are made by Sterling Chemical Co., and are really one of their most wonderful products. Are odorless and concentrated. Trial size pkg., 10c; medium size (100 tablets), sufficient for 35 plants three months, 25c. All postpaid.



## PEST EXTERMINATORS



**SURE DEATH TO**  
**GOPHERS, SQUIRRELS, PRAIRIE DOGS,**  
**RABBITS, RATS AND MICE.**

### GOPHERGO

A sure death to gophers, squirrels, prairie dogs, rabbits, rats, mice and all other rodents. It is an attractive bait, thoroughly poisoned and guaranteed to do the work, or your money back. Gophergo is all ready for use. Small can, gross weight 10 oz., 25c; postage extra. Medium can, gross weight 1 1/2 lbs., 50c; postage extra. Large can, gross weight 3 1/2 lbs., \$1.00; postage extra. Bucket, gross weight 10 lbs., \$3.00; postage extra.

### POISONED WHEAT

Specially prepared by chemists. To be used for exterminating prairie dogs, etc. Our stock is especially well prepared and considered superior to many lots on the market. 1/4-lb. pkg., 10c; 1/2-lb. pkg., 15c; 1-lb. pkg., 25c; 5 to 10-lb. lots at 20c per lb. Postage extra.

### STERLINGWORTH ANT DRIVER

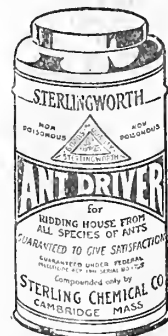
For use in driving ants from houses, hotels, etc. While effective in driving away all kinds of ants it is most effective with the small red and black ants. It certainly is surprisingly effective and very cheap for the work a can will do. In patent sprinkler top cans, 25c each; by mail, 30c.

### DEPENDABLE DANDELION KILLER

A liquid that is effective in killing dandelions, weeds and also ants in the lawn. Full directions on each can. Furnished in dropper spout cans, ready to use. 10-oz. size, 25c each; also in 16-oz. bottles, 25c each. This article cannot be mailed.

### SULPHATE OF IRON

This powder used by making a 20 per cent solution and sprinkled over lawn kills dandelions and not the grass. Used in parks and large lawns very effectively. Where dandelions are especially thick we urge the use of Sulphate of Iron. 1 lb., 10c; 5 lbs. for 25c; 12 lbs. for 50c; 30 lbs. for \$1.00, not prepaid.



### STERLINGWORTH WEED KILLER

Especially useful in destroying weeds, grass and any vegetation along driveways, walks, tennis courts, etc. One application is sufficient. One pound makes 10 gallons of solution. Per lb., 50c; by mail, 60c.

### CUT WORM KILLER

A sweetened poisoned compound alluring and palatable to cut worms, cabbage worms, etc., in consequence when sprinkled around such newly set plants as are usually "cut off" by these depredators, they feast on cut worm food and are destroyed. One pound is sufficient for about 175 plants. Price: 1-lb. sprinkler top box, not prepaid, 25c; 5-lb. tin can box, not prepaid, \$1.00.



## INSECTICIDES

We have a very complete assortment and shall add to our stock fast as needed the popular brands. Most liquids cannot be mailed unless in special carriers. Powders, etc., can be mailed as per zone rates on page 51. Write us for free spray calendar.

### ARSENATE OF LEAD—New Process

A general insecticide for all leaf-eating insects. This brand contains arsenic in exactly the right proportions to be effective. 1-lb. jar, 25c; 5-lb. jar, \$1.00. 25-lb. keg, \$4.00; 50-lb. keg, \$7.00.

### PURE PARIS GREEN

We handle only absolutely pure, dependable stock, properly approved by officials. Values fluctuate. Write for quantity. 1/4-lb. pkg., 15c; 1/2-lb. pkg., 25c; 1-lb. pkg., 40c; 5-lb. pkg., \$1.50; 14-lb. keg, \$3.50. Paris Green cannot be carried in U. S. mail.

### FORMALDEHYDE—FULL STRENGTH, 40 PER CENT

The most effective, yet simple remedy, for smut in all kinds of grain, scab and disease of the potatoes, flax wilt, root rot, and has numerous uses in the household. The farmer, the gardener and the housewife can't afford to be without it. Ask for interesting booklet telling all about how to use it. Liquid, sold in 1-lb. bottles, each 40c. Can't be mailed.

### BLUE VITRIOL—SULPHATE COPPER

In crystals ready to dissolve. 1-lb., 15c; 4 lbs. for 50c; 9 lbs., \$1.00. Postage extra.

### BORDEAUX MIXTURE—LIQUID

A fungicide, for use where any fungus trouble on trees, shrubs, plants, rusts, leaf blight, mildew, etc. One gallon makes 50 gallons of spraying compound. Qt. can, 40c; gallon can, \$1.25; 5-gallon can, \$5.00. Can't be mailed.

### KEROSENE EMULSION—LIQUID

A safe and sure remedy for lice and flies that infest trees and plants. A standard killer of aphids of every description. Qt. can, 40c; gallon can, \$1.25; 5-gallon can, \$5.00. Can't be mailed.

### STOTT'S FIR TREE OIL SOAP

One ounce dissolved in one gallon of water makes a solution to use on trees and plants indoors and out. Is sure death to mealy bug, red spider, aphids, worms, scale, thrip, blight and slugs. 1/2-lb. can, 25c; by mail, 35c; 2-lb. can, 75c, by mail, 90c.

### TO-BAK-INE LIQUID

A very sure remedy for aphids, red spider and thrip in greenhouse and conservatory. 1/2-pint size, by mail, 50c; 1/4-pint size, by mail, 75c; 1/2-pint for \$1.35; 1-pint cans, \$2.50. 1/2-pints and pints cannot be mailed.

### TOBACCO DUST

A pure fine powder used in hotbeds, also in poultry house. 1-lb., 10c; 10 lbs., 60c; 25 lbs., \$1.25; 100 lbs., \$4.00. If by mail, postage is extra.

### POWDERED SULPHUR—FINE

1-lb., 10c; 4 lbs. for 25c; 10 lbs. for 50c; 25 lbs. for \$1.00; 100 lbs. for \$3.25.

### WHITE HELLEBORE

The pure powdered is one of the best insecticides for leaf-eating insects on currants, cherries, rose bushes, etc. Is very easily applied by dusting or with water. 1/4-lb. pkg., 10c; 1/2-lb., 20c; 1-lb., 30c. If wanted by mail, add postage.

### INSECT POWDER—DIAMOND "C" GRADE

Made from blossoms of Pyrethrum. Our stock is dependable to give satisfactory results. 1/4-lb. pkg., 20c; 1/2-lb., 35c; 1-lb., 60c. Postage extra.

### LIME AND SULPHUR SOLUTION

One of the best summer sprays, especially as a fungicide. Is excellent for San Jose Scale and similar scales. Should be reduced 9 parts water to 1 part of original. Cannot be mailed. In quart cans, 25c; gallons, 60c; 1/2-bbl., \$7.00; bbl., \$11.50.

### CHLOROFORM

A non-poisonous liquid, yet very effective in ridding lawns of ants. Drives away roaches. Recommended especially as disinfectant and antiseptic. 6-oz. bottle, 25c; pint, 40c; quart, 60c; 1/2-gallon, 90c; gallon, \$1.50. Can't be mailed.

### STERLINGWORTH NO-SCAB

Destroys scab germs on seed potatoes. Very important for potato growers. Pint bottle (enough for 15-gallon solution), 50c. Can't be mailed.

### SULPHO-TOBACCO SOAP

A very effective and popular pest exterminator for all insect life on plants indoors and out. Easily applied. Full directions on each package. We give free with orders, when asked for, booklet, "The Window Garden." 3-oz. cake makes 1 1/2-gallon solution, 10c; if by mail, 13c; 8-oz. cake, 20c; if by mail, 25c.

### WHALE OIL SOAP

This is a caustic Potash Soap made from pure fish oil and is free from animal fats or adulterations. Makes excellent wash for trees and plants, to eradicate lice, scale, etc. One-pound sealed cartons, 20c each; by mail, 30c; 5-lb. box for 75c; 25-lb. box for \$2.50.

### APHINE

The Insecticide That Kills Plant Lice of Every Species

Concentrated liquid readily soluble in water. Applied with a spray, does not stain the foliage. Directions on each can. 1/4-pint size, 25c; by mail, 35c; 1/2-pint, 40c; 1 pint, 65c; 1 quart, \$1.00; 1 gallon, \$2.50. Large cans can't be mailed.



### FUNGINE

Highly recommended for mildew, rust, wilt, bench rot and other blights affecting flowers, fruits and vegetables. One gallon makes 50 gallons solution. 1/2-pint size, 35c; 1 pint, 50c; 1 quart, 75c; 1 gallon, \$2.00.

### VERMINE

A soil sterilizer and germicide for all soil vermin, such as cut worms, eel, wire and grub worms, maggots and ants. 1 part Vermine to 400 parts water sprayed on ground does the work. Good for lawn ravages. 1/4-pint size, 25c; 1/2-pint, 40c; 1 pint, 65c; 1 quart, \$1.00; 1 gallon, \$3.00.

### ROSE INSECTICIDE

A colorless and stainless spray for killing plant insects, also animal lice, roaches, water bugs, dog fleas, house fleas, bedbugs, etc.; drives away moths and ants. Put up in tubes. Directions with each package. Small size, 10c; by mail, 15c; medium size, 25c; by mail, 35c. Large size, 50c; by mail, 65c.

### HAMMOND'S SLUG SHOT

For potato bugs and all insects on cabbage, egg plants, tomatoes, also currants. 1-lb. perforated top pkg., 15c; by mail, 25c; 5-lb. pkg., 50c, by express.

When applying powder insecticides, use the Lowell Powder Sprayer, only 75c each, or the Peerless Powder Blower, at \$4.50 each. Our Dependable Atomizer is the best low-priced sprayer for liquid spraying. Tin, 50c; galvanized, 75c; brass, \$1.00.



## Sprayers and Spray Pumps



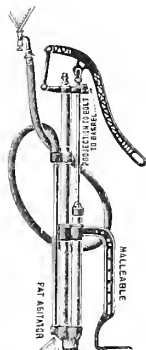
No. 325

Myers' line of Spray Pumps is known for efficiency and perfection. We carry a large assortment, though describe and illustrate a few leaders here. We have a special catalogue of Myers' goods free for the asking. It is valuable to a fruit man.

**Little Giant Brass Bucket Pump No. 327 1/2**—With agitator, hose, Imperial combination nozzle and foot rest. Complete, \$2.75. Weighs 7 lbs.

**Imperial Brass Bucket Pump No. 325**—With agitator, hose, Vermorel graduating nozzle and foot rest. Complete, \$3.75. Weighs 7 1/2 lbs.

**Lever Bucket Spray Pump No. 324**—With agitator, hose, Vermorel graduating nozzle, foot rest and equipped to fasten to barrel if desired. Complete, \$5.00. Weighs 8 lbs.



No. 324

**Perfect Knapsack Spray Pump, Copper Tank, No. 331**—This is complete with hose, stop cock, pipe extension and Bordeaux nozzle, all ready for use. Price, \$11.00.

No. 330 Knapsack is same as above, except has galvanized tank. Price, \$7.50.

Where description of equipment mentions Bordeaux or Vermorel Nozzles, customers may have own choice.

**Perfect Double Acting Barrel Spray Pump No. 311B**—Has a large air chamber; requires but one-half the power expended to operate the ordinary spray pump. Especially suited for extensive spraying and where two leads of hose are used. Complete with suction pipe, strainer, 15 ft. of 1/2-inch 5-ply discharge hose, graduated Vermorel Nozzle and Mechanical Agitator, all ready for use. \$13.00.

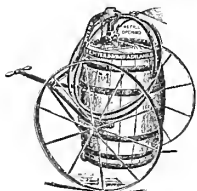


No. 305B

**Improved Barrel Spray Pump No. 305B**—Consists of pump, 15 ft. of 1/2-inch 5-ply hose, Vermorel nozzle, both jet and mechanical agitators, all ready to attach to a barrel. Complete, \$9.50.

No. R318B is same, with cog gear—works very easy. Price, \$10.00.

**Myers' Steel Barrel Cart**—All steel, no tires to get loose, no wood to rot; best barrel cart on the market. Complete, ready to attach to a barrel. Has 36-in. steel wheel with 3-in. tire. Price, only \$6.50.



Barrel Cart

### NOZZLES

**Graduating Vermorel No. 1564.** Each, 75c, postpaid.

**Bordeaux Special No. 1378.** Each, 75c, postpaid.

**Imperial makes fine, coarse or full stream.** Each, 40c, postpaid.

**Myers' Double Vermorel, No. 1065.** Each, \$1.60, postpaid.

**Myers' Triple Vermorel, No. 1066.** Each, \$1.85, postpaid.

The Double and Triple Nozzles are used on power sprayers where large area is to be covered quickly. All Nozzles are fitted with standard 1/4-inch pipe thread.

Several other nozzles in stock.

**Bamboo Extensions**—8 ft. with shut-off cock, each \$2.75; 12 ft. with shut-off cock, each \$3.25.

**Iron Extensions**—8 ft. with couplings, each 50c.

Additional five-ply hose, made expressly for use in spray pumps, 1/2-inch. Per foot, 16c.

**Power Spray Pumps** quoted on application.

**Jet Agitator** is on all of Myers' Small Pumps. No sprayer is complete without an agitator.

Use pipe or bamboo extension for best results.

Read our Spray Calendar. It is full of valuable information, and is free for the asking.

### DEPENDABLE ATOMIZERS

In this little sprayer we have the acme of all sprayers. It throws a spray up or down. Can be used with any liquid insecticide, also excellent for applying our Liquid Lice Killer. Made of tin, 50c; galvanized, 75c; brass, \$1.00. Weighs 3 lbs.

### LITTLE FAULTLESS SPRAYER

Sufficient where limited amount of spraying is required; tin. Each, 35c; by mail, 50c.

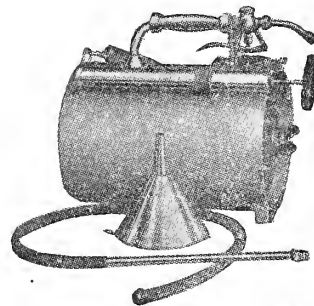


### CONTINUOUS ATOMIZER

A very neat sprayer, made by the Lowell Co. Is so constructed as to carry compressed air enough to make continuous spray. Price, tin, 75c; galvanized, \$1.00; brass, \$1.25. Weighs 3 lbs.

### LOWELL FOUNTAIN COMPRESSED AIR SPRAYER

The most complete style of compressed air pump. Is tested to carry 60 lbs. air to square inch, thus assuring constant stream. Holds 3 gallons. Handy to carry. Shoulder strap with each machine. Ask for special circular. Galvanized steel, complete, ready for use. Price, \$5.50. Brass, complete, ready for use. Price, \$6.50.



### BABY LOWELL COMPRESSED AIR SPRAYER

A miniature of the popular large size; does just as good work, though smaller capacity. Price, galvanized tank, \$4.00.

### LOWELL BLOW POWDER SPRAYER



For use in applying powders in poultry house or poison powders in field or orchard nothing equals this sprayer. The reservoir holds one quart. The price is exceptionally low. 75c each. Weighs 2 lbs.

We supply any of the Lowell Sprayers. Ask for catalogue.

### POWDER GUNS

Very useful in applying powder insecticides, either indoors or out. **Jumbo size**, holds 4 ozs., 25c; by mail, 30c. **Small size**, 10c; by mail, 13c.



## OUR WHITEWASH SPRAYER AND BUCKET FORCE PUMP

Especially for Poultrymen

Will fit over any pail or bucket; includes 3 ft. of hose with 1 ft. brass extension rod with brass nozzle that gives two different sprays. Is double action, thus throws continuous spray. Excellent for throwing whitewash in poultry house, likewise spray on bushes, small trees, etc. **Special price, \$2.00 each.** Weighs 3½ lbs.

### NOVELTY TIN SPRAY PUMP

Is used in a bucket. Has four nozzles. Principal use in whitewashing or washing windows, vehicles, etc. **Price, \$1.00.**

### JUNIOR NO. 5 SPRAY PUMP—BRASS

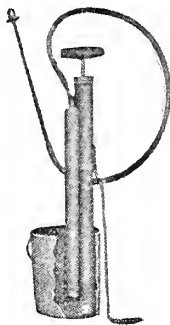
Will pump from pail, barrel, creek or any open water. Hand-power suction. No foot rest. Very novel, yet simple. Throws two sizes of continuous spray and two solid streams. **Price, \$3.00.**

#### Extras—

3-ft. brass extension, each 60c; by mail, 75c.

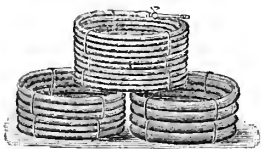
Strainer, brass, each 60c, postpaid.

Brass Elbow, each 40c, postpaid.



## LAWN REQUISITES

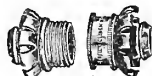
**Dry Climate Dependable Sun-Resisting Garden Hose**—Our 5-ply brand is fully guaranteed and serviceable. Fitted with couplings, complete. 50-ft. piece ½-inch size, complete for \$5.00; 50-ft. piece ¾-inch size, complete for \$6.00.



**Greenhouse Hose**—Extra strong Dry Climate Irrigator. Best grade, ¾-inch, carried in stock of 500-ft. rolls. Will cut to suit purchaser at 15c per foot. When 25 ft. or more, will include fittings free.

### "PERFECT CLINCHING" HOSE COUPLING—All Brass

The only self-fastening, quick-acting coupling on the market. A perfect joint that does



not leak. Slip it in the hose, then hammer down—that's all. For ½ and ¾-in. hose. 25c per set, prepaid.



**"Perfect Clinching" Hose Menders**—Brass tube and plated steel clamps; slip it in hose and hammer down; easy enough and quicker than any other. Sure to hold and very inexpensive. For ½ and ¾-inch hose. 10c each, postpaid.



**Square Fountain Sprinkler**—As gentle and even as rain drops. Saves water. It sprinkles to the edge of your walk or house, not over it. Extra heavy brass, galvanized steel bottom, highly polished. **Each, 50c; by mail, 60c.**

**Universal Nozzle**—Gives coarse, fine, wide, strong stream, or near shut off. Gives results and lasts. **Each, 35c, postpaid.** With 100 feet of hose, will give one of these nozzles free.

**Hose Washers**—One dozen in a package. 5c, postpaid.



### HOSE NOZZLES

**Lawn Twin**—The old standby for general lawn sprinkling. Light and durable. **Each, 25c; by mail, 35c.**

**Fan Spray**—Makes a beautiful fan shape spray. Lasts a lifetime. **Each, 25c; by mail, 30c.**

**Rose Nozzle**—Makes a very gentle, soft spray. Especially good where freshly sown seed. **Each, 60c; by mail, 65c.**

**Dandy Nozzle**—The best low priced nozzle on the market. Simple and durable. **Each, 15c; by mail, 18c.**

**O. K. Adjustable**—Can be adjusted by combination of angles from stream to spray, fine or coarse. Very novel. All brass, 75c; part brass, 65c. If by mail, add 10c.

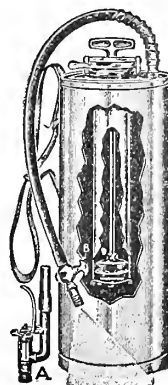
**Parking Nozzle**—A scientific construction where angles in perforation are adjusted to throw spray right and left only, or in a square corner. Just the kind for city use to cover parking and not walks; also corner of your lot and not your neighbor's. **Complete nozzle, \$1.75; by mail, \$1.85.**

Any standard nozzle can be furnished promptly by us. Write us your wants.



### SCOLLAY'S RUBBER PLANT SPRINKLER

Made of best rubber. Very useful in the conservatory. The large size, with straight rubber neck, is most practical. **Price, \$1.00; by mail, \$1.05.**



## THE AUTO SPRAY

Popular With All Florists and Gardeners

Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for ten minutes. The "Auto Spray" has been improved by the addition of the "Auto Pop" shown in the illustration. Briefly described the "Auto Pop" is an automatic valve which is closed by the air pressure used to operate the "Auto Spray." In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. Holds 5 gallons.

#### Prices—

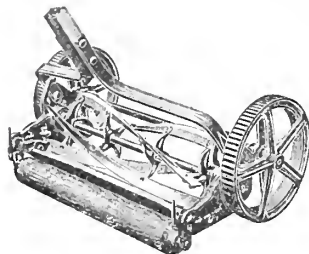
No. 1C—Galvanized tank, with stock cock nozzle.....	\$4.50
No. 1D—Galvanized tank, with auto-pop nozzle.....	\$5.50
No. 1A—Brass tank, with stock cock nozzle.....	\$6.75
No. 1B—Brass tank, with auto-pop nozzle.....	\$7.75

#### Extras—

Brass Extension, 2 ft, each.....	50c
Underspray Attachment, or Elbow, brass, each.....	50c

## LAWN MOWERS

No reason to use old-style, out-of-date machines when latest patterns can be secured at prices we are now selling, all f. o. b. Denver.



**Little Shaver**—8-inch open pattern drive wheel, with 3 good cutting blades. Machine neatly painted in aluminum. 12-inch cut, \$2.75; 14-inch cut, \$3.00.

**New Electric**—Screw adjustment; 9-inch open pattern drive wheel, with 4 cutting blades. Plain gearings. 14-inch cut, \$4.00; 16-inch cut, \$4.50.

**New Electric**—Same as above, except fitted with ball bearings. 14-inch cut, \$5.50; 16-inch cut, \$6.00.

**Improved Diamond**—Screw adjustment, ball bearings, with 11-inch open pattern drive wheels, with 4 cutting blades. A strictly high-class machine. 16-inch cut, \$8.00; 18-inch cut, \$9.00.

**Lawn Grass Catchers**—"Automatic." Fits 12 to 16 inch. Each, 75c.

**"Handy"**—Fits 12 to 16 inch. Each, \$1.00. Size 16 to 20 inch. Each, \$1.25.

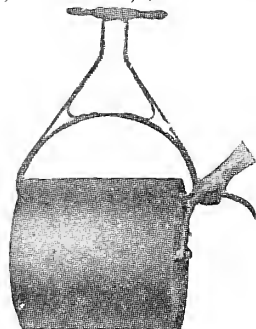
## LAWN ROLLERS

The Dunham Water Weight Rollers are most perfect and lowest price lawn roller on the market. Fill up with water or sand then ready to use. Easy to run, have roller bearings.

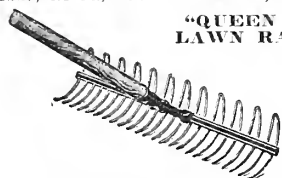
Size WB5 is 18 in. diameter, 24 in. roll; empty, 75 lbs.; filled, 300 lbs. Price, \$12.00.

Size WB7 is 24 in. diameter, 24 in. roll; empty, 125 lbs.; filled, 500 lbs. Price, \$15.00.

Size WB9 is 24 in. diameter, 32 in. roll; empty, 140 lbs.; filled, 650 lbs. Price, \$18.00.



"QUEEN CITY"  
LAWN RAKE



The neatest, strongest and best finished rake on earth. Is reversible for lawn or grass. 24 teeth, 50c.

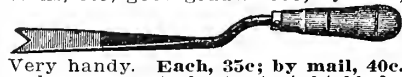
## GRASS TRIMMING SHEARS

For trimming around flowers, trees, walks, etc; good grade. 50c; by mail, 60c.

## DANDELION KNIFE

No. 94

Has long blade, made of good steel. Very handy. Each, 35c; by mail, 40c. **Short Blade Knife, No. 29**—Similar to above, except short, straight blade. Each, 15c; by mail, 18c.



## TURF EDGER

For use in removing sod from edge of walk. All edges sharp. Each, 60c.



## SMALL GARDEN TOOLS



**Dibber**—For use in transplanting vegetable plants. Each, 35c; by mail, 40c.

**Grass Hooks or Sickles**—The Little Giant is the best well-made sickle, carries a good edge. No cheap affair. Each, 50c; by mail, 60c.

## GARDEN HOES



**Solid Shank Socket**—With polished blade; sizes 6½, 7 and 7½ inch. Each, 60c.

**Solid Socket**—Riveted to blade, polished curved blade; 6½, 7 and 7½ inch. Each, 30c.

**Ladies' Hoes**—Riveted to blade, with ferrule. 4-inch blade. Each, 30c.

**Heavy Hoes**—Solid shank, ferrule; 10-inch polished blade; 6-foot handle; strong tool. Each, 85c.



**Weeding Hoes**—One prong, polished steel blade. Each, 35c. Two-prong (see cut). Each, 40c. Five-prong, very useful, 5 teeth on one side, 4½-inch hoe blade on opposite. Each, 50c.



**Garden Mattocks**—A very handy tool for digging burdocks, weeding, digging up soil, etc. Small blade, 1¼-inch; large blade, 3-inch. Each, 60c.

## GARDEN SPADES

**Zenith Pattern**—Good socket, "D" handle. Each, 85c.

**High Grade socket**, with regular "D" handle. Each, \$1.25.



**Weeding Cultivator**—Entirely of steel. Very serviceable; most excellent for stirring the soil; 3-prong style; long handle. Each, 50c.

**Triangular Shaped, or Warren Hoe**—For cultivating, drilling and hilling. High grade. Each, 75c.

## Garden Rakes



**"Ideal"**—Is made entirely of steel, being strong and serviceable. 12 teeth, 60c; 14 teeth, 65c; 16 teeth, 70c.

**"Champion"**—The teeth are thin and polished; all wrought steel. Will not break. 14 teeth, 60c.

**"Victor"**—Teeth are curved; made entirely of wrought steel. Light, yet durable. 14 teeth, 50c.

## LANG'S HAND WEEDERS

One of the best of this class, allowing use of hand while working. Each, 20c; by mail, 25c.

**Hazeltine's**—Solid steel. Each, 25c; by mail, 30c.

**Excelsior**—A very useful tool for weeding seed beds, stirring the ground, etc. This is one of the most useful tools in working the garden. No one should be without it. Each, 10c; by mail, 15c.



**Garden Lines**—In 100-foot pieces, braided. Each, 50c; by mail, 60c.



## Garden Trowels.

Our "Dependable" Forged All-Steel Trowel is the strongest, neatest tool on the market. Will outwear several ordinary trowels; 6-inch polished blade. 40c each; by mail, 45c.

"Champion" All-Steel Trowel—Similar appearance to our Dependable, though lighter material. 25c each; by mail, 30c.

The "Denver"—The best low-priced trowel; very strong and can't break at shank. 15c each; by mail, 20c.



**Bulb Trowel**—Has very wide oval blade, 4½x6 inches. Just right when planting bulbs. 60c each; by mail, 70c.

**Transplanting Hoe Trowel**—Can be used as a transplant, dibber or weed digger; 7-in. blade. 35c each; by mail, 40c.

**STRAWBERRY WEEDING FORK**. Small, straight handle, 3T. Each, 20c; by mail, 25c.

## KNIVES

Best German Make—Henckel's



**Budding**—Pocket style, with ivory tip, folding. No. 717B, \$1.00 each, postpaid. Same style, with solid ivory tip. No. 715B, \$1.00 each, postpaid.



**Florist's Propagating**—Pocket style, one blade, very serviceable. No. 778B, 75c each, postpaid. Stationary wood handle. No. 302½, 25c each, postpaid.



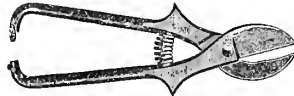
**Pruning**—Pocket style, heavy. No. 2C, \$1.00 each, postpaid. Stationary wood handle. No. 305½, 50c each, postpaid.

## SHEARS



**Hand Pruners, "California"** No. 17—9-inch; detachable steel blade. 50c each; by mail, 60c.

No. 27—9-inch; has detachable blade of cutlery steel, notched hook, full polished and tempered. \$1.25 each; by mail, \$1.35.



**Cronk's No. 9**—Forged from high-grade shear steel; coil spring; notched hook; 9 inches long. \$1.00 each; by mail, \$1.10.



**Cronk's No. 5**—9-inch, with flat steel spring; oil tempered, tool steel. \$1.50 each; by mail, \$1.60.

**Cronk's Henry Pattern, No. 200**—Cast handles, steel blade; good for light work. Not guaranteed. 25c each; by mail, 30c.

## FRENCH SHEAR



**French Shears**—Sliding spring. Very popular with nurserymen. 9 in. \$1.75 each; by mail, \$1.85.



**Henckel's Shears, No. 205**—Strictly high grade; last a lifetime; 8½-in. \$2.00 each; by mail, \$2.10.

**Henckel's Pocket Pruners, No. 23**—5½ inches long; nicked finish; suitable for the ladies. \$1.00 each; by mail, \$1.05.



**Grape Shears, No. 202**—Forged from high-grade steel; 6¾ inches long. Used in picking and thinning fruit. 40c each, postpaid.

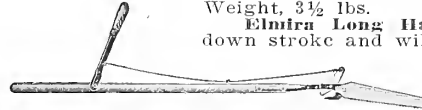


## HEDGE SHEARS

For pruning hedge, roses, etc. Heavy steel, English make, best, 9-inch, notched. Each, \$1.75. Weight, packed, 5 lbs.

## TREE PRUNERS

**Fresno Pattern, No. 126**—Finely tempered tool steel; lock nut; strictly high grade and dependable; 26 inches. \$1.75 each. Weight, 4½ lbs. **No. 0109**—A lower grade of similar pattern; good for ordinary work; 26-inch. \$1.00 each. Weight, 3½ lbs.



**Elmhurst Long Handle Pruner with Saw**—Cuts on the down stroke and will not kink. Saw is oil tempered, fine quality steel. Is detachable. 10 ft., complete with saw, \$1.25. Without saw, \$1.00. Can't be mailed.

## PRUNING SAWS

**Double Edge**—16 inches long. 65c each. Weight, 1 lb. **Perfection**—Adjustable blade; can be used as a hand saw or fastened to end of pole. Best Pruning Saw on the market. \$1.75 each. Weight, 3 lbs.

**TREE PROTECTORS**—Protect Your Trees

Made of veneer wood. When dampened will bend to fit around the tree.

Size 10x18—\$1.00 per 100; \$8.00 per 1,000.

Size 10x24—\$1.15 per 100; \$9.00 per 1,000.

## HOTBED PROTECTING CLOTH

A waterproof cloth making a good substitute for glass on hotbeds and cold frames. Heavy grade, 16c per yard; 20 yards or more at 15c per yard. We do not recommend the medium or light grades for Colorado.

We can take orders for Hotbed Sash, Glass and Putty, Mastica, Glazing Tools, etc. Write us about your wants in this line.

## THERMOMETERS

We carry in stock an assortment of high-grade instruments and make mention of several that are of special interest to gardeners.

For Incubator and Brooder Thermometers, see page 61.

**Greenhouse Thermometer, No. 5400**—Carefully seasoned and tested; plain japanned case, but very dependable. 10 inch. \$1.35, postpaid.

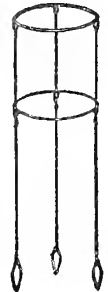
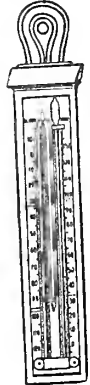
**Household Thermometer, No. 5420**—Selected common grade, not tested but reasonably good. 8 inch. 40c, postpaid.

**Hotbed Thermometer, No. 5981**—16-inch wood frame, with handle, brass pointed; good for mushrooms. A high-grade "Tycos" instrument. \$2.25, postpaid.

**Self-Registering, Six's Pattern**—Registers the maximum and the minimum temperature; can be reset by use of small magnet that goes with the instrument. Price, complete, \$3.50; by mail, \$3.60.

## PLANT SUPPORTS

Made of heavy galvanized wire, arranged to hold up from ground tomatoes, perennial plants, etc. Each, 25c; 10 for \$2.25; 50 for \$10.00. Not suitable to mail.



## FLOWER POTS

We carry a very complete line of Pottery and are prepared to fill orders promptly, making no charge for packing.

### Fancy Fluted Pots with Fancy Saucers



Size	Per Set	Per 12 Set	Per 100 Set	Standard Pots Without Saucers.		
				Per 12	Per 100	Per 1,000
2 inch.....	\$. . .	\$. . .	\$. . .	\$.15	\$.80	\$ 6.00
2½ inch.....	\$. . .	\$. . .	\$. . .	.20	1.00	7.25
3 inch.....	\$. . .	\$. . .	\$. . .	.30	1.50	10.50
4 inch.....	.10	.80	2.30	.45	2.00	15.00
5 inch.....	.12	1.15	4.25	.60	4.00	27.00
6 inch.....	.15	1.35	5.80	.75	5.00	37.00
7 inch.....	.20	1.75	8.40	1.00	7.00	53.00
8 inch.....	.25	2.15	11.60	1.40	10.00	80.00
10 inch.....	.40	3.25	21.00	2.00	18.00	133.00
12 inch.....	1.00	9.25	...	6.00	...	...
18 inch.....	...	...	...	16.00	...	...

### Standard Saucers, Plain, for Use with Plain Standard Pots

Size	Per 12	Per 100	Per 1,000	Size	Per 12	Per 100	Per 1,000
4 inch.....	\$.25	\$1.25	\$ 8.00	8 inch.....	\$.75	\$6.00	\$42.00
5 inch.....	.40	2.00	14.00	10 inch.....	1.25	3.00	70.00
6 inch.....	.50	3.00	20.00	12 inch.....	3.25	...	...
7 inch.....	.60	4.00	28.00	18 inch.....	8.00	...	...

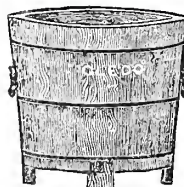
### NEPONSET FLOWER POTS—Waterproof Fiber

2¼ inch size, 1,000 in a crate—100 weigh 2 lbs...	\$.35	\$ 3.00
3 inch size, 1,000 in a crate—100 weigh 4 lbs...	.60	5.00
4 inch size, 500 in a crate—100 weigh 6 lbs...	1.00	8.50
5 inch size, 500 in a crate—100 weigh 8 lbs...	1.50	13.00

### PLANT TUBS—TOLEDO

These tubs are made from best well-seasoned red cedar, and are painted green; they are light, and yet are very strong and should last a long time.

No. 1 measures 12 in. diameter, 11 in. high.	Each...\$1.00
No. 2 measures 13 in. diameter, 12 in. high.	Each... 1.25
No. 3 measures 14 in. diameter, 14 in. high.	Each... 1.65
No. 4 measures 16 in. diameter, 15 in. high.	Each... 2.00
No. 5 measures 19 in. diameter, 18 in. high.	Each... 3.00
No. 6 measures 22 in. diameter, 19 in. high.	Each... 4.00



### SELF-WATERING WINDOW BOXES

We can supply all sizes; however, the following are leading sizes:

No. 0, size 6x6x16, holds 1 quart water in bottom.	Each, \$1.25.
No. 2, size 8x9½x25, holds 3 quarts water in bottom.	Each, \$2.00.
No. 5, size 8x9½x31, holds 4½ quarts water in bottom.	Each, \$2.50.
No. 7, size 8x9½x35, holds 5½ quarts water in bottom.	Each, \$2.85.

### Hanging Basket Style

No. 8, size 6x8 square, holds 1 quart water in bottom.	Each.....\$1.25
No. 10, size 7x10 square, holds 1½ quarts water in bottom.	Each..... 1.50

Chains are extra. Other sizes of either on special order.

## Plant Stakes

### PAINTED GREEN



These are neatly made, tapering shape, from good substantial wood. Very useful for tying plants, shrubs, etc. The larger sizes are suitable for Dahlias.

1½-ft., doz., 25c; 100 for \$1.50. 2-ft., doz., 35c; 100 for \$2.50. 3-ft., 2 for 15c; doz., 60c; 100 for \$4.00. 4-ft., heavy, each, 15c; 2 for 25c; doz., \$1.35. 5-ft., extra heavy, each, 20c; 2 for 35c; doz., \$1.75.

### BAMBOO CANE STAKES

Very light and durable. Come in lengths of 5 to 7 ft. Can be cut to suit your wants. 10 for 25c; 25 for 50c; 100 for \$1.50.

## Special Supplies for Nurserymen and Gardeners

### GRAFTING WAX

Made under the established formula. Used extensively in the nursery when grafting; also applied to barked and injured trees. ¼-lb. size cake, 15c; ½-lb. size, 20c; 1-lb. size, 35c; 5 one-pound pkgs. for \$1.50. If by mail, postage extra, except for ¼-lb. size.

### TREE LABELS

Size	Per 12	Per 100	Per 1,000	Weight
Size 3½x½ inch, iron wired, plain	\$.05	\$.20	\$ .90	4 lbs.
Size 3½x½ inch, iron wired, painted	.05	.25	1.05	4 lbs.
Size 3½x½ inch, copper wired, plain	.05	.20	1.00	4 lbs.
Size 3½x½ inch, copper wired, painted	.05	.25	1.15	4 lbs.

### POT LABELS

Size	Per 12	Per 100	Per 1,000	Weight
Size 4x ⅝ inch, plain	\$.05	\$.20	\$ .60	3¼ lbs.
Size 4x ⅝ inch, painted	.05	.25	.75	3¼ lbs.
Size 6x ⅝ inch, plain	.05	.20	.95	6 lbs.
Size 6x ⅝ inch, painted	.05	.25	1.15	6 lbs.
Size 8x ⅝ inch, painted	.10	.50	3.75	9 lbs.
Size 10x ⅝ inch, painted	.10	.75	5.00	11 lbs.
Size 12x1 ⅝ inch, plain	.15	.85	5.50	16 lbs.
Size 12x1 ⅝ inch, painted	.15	.90	6.00	16 lbs.

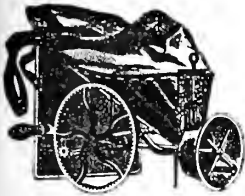
### SPHAGNUM

Our stock is gathered in Wisconsin and packed in burlapped bales. Per bale, \$2.25; less than bale lot at 10c per pound. If wanting quantity, ask us for price.

### SUNDRY SUPPLIES

Mastica Putty—In one-gallon cans. Per gallon, \$1.40.	
Mastica Machine—For use in applying Mastica. Each, \$1.35. Weight, 1½ lbs.	
Scollay's Putty Bulb—For use in applying liquid putty. \$1.00; by mail, \$1.05.	
Glazing Points—Van Reyper's Perfect. 1,000 in box, 70c; by mail, 80c.	
Hotbed Sash—3 ft. 3 in. by 6 ft. for 8x10 glass. Unglazed. Each \$1.75.	





**The Cyclone Seeder**—Larger and greater capacity than Little Wonder. 30 to 40 acres can be sown in a day. **Price, \$1.50.** Weighs 5 lbs.

#### LITTLE WONDER BROADCAST SEED SOWER

Though not as large as Cahoon's, it will do similar work and be just as satisfactory where moderate area is to be seeded. Is especially good for sowing timothy, clover, alfalfa, etc. **Special price, \$1.25.** Weighs 3½ lbs.



#### THOMPSON'S WHEELBARROW SEEDER

Seeds like wildfire, yet evenly and accurately whether wind blows or not. Works easy.

**Size No. 2**—Sows all fine seed, likewise Red Top, Orchard, etc. Has 14 ft. double hopper. **Price, \$9.00.**

For sowing Brome Grass, we have a special 10-ft. hopper which can be purchased separately to fit No. 2 frame. **Hopper, extra, \$6.00.**

#### CORN AND BEAN PLANTER

**Diamond Rotary**—Strong and easy to operate; has four changes of discs. Can furnish suitable for kaffir corn when wanted. **Price, \$1.25.** Weighs 8 lbs.

#### PEERLESS HAND POTATO PLANTER

A tubular planter that is light and gives universal satisfaction. Enters the ground easily. **Price, \$1.25.** Weighs 7 lbs.

#### CLIPPER GRAIN AND SEED CLEANER

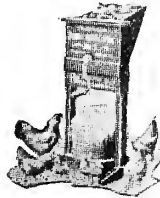
Clean your grain carefully before taking to market. It will pay you to use a Clipper. Cleans and grades all kinds. Special circular free on application.

**No. 1**—Farm size, with 10 screens, complete, **\$23.00.**

**No. 2**—Warehouse size, **\$35.00.**

#### THE CHATHAM CLEANER AND GRADER

Cleans and grades very satisfactorily. When fitted with elevator and bagging attachment, makes a very complete machine for farmers' use. **Price, complete as above, \$35.00.**



#### BANNER ROOT CUTTERS

**No. 7**—The popular size for poultrymen; cuts beets, turnips, carrots, etc. Two to five minutes will cut enough for a large flock of fowls. **Price, \$5.00.**

**No. 20**—Is the most rapid cutter ever invented; capacity, 30 to 50 bushels per hour. No danger of choking. Runs easily. **Price, \$12.00.**



**Black Hawk Corn Sheller**—The greatest little corn sheller ever made; shells any size thoroughly. Can't be beat for the price. Weighs 15 lbs. **Price, \$2.50.**

**Black Hawk Grist Mill**—A hand mill for country, village and city use. Grinds corn, rye, spices, etc., easily and fast; soon pays for itself. Just the thing for poultrymen. Weighs 18 lbs. **Price, \$3.00.**

#### CIDER MILLS

**Price, Complete**

**Junior**—Has 2 tubs, 1 crank..... **\$14.00**

**Medium**—Has 2 tubs, 1 crank..... **18.00**

**Senior**—Has 2 tubs, 2 cranks..... **24.00**



#### HUSKING PINS—FARMERS' FRIEND

Save the boys' hands by using Husking Pins. This is the best low-priced pin on the market. **Price, 15c each; 2 for 25c, postpaid.**



#### Planet, Jr., Garden Tools

These are standard goods, known the world over. We are listing the popular styles. Can furnish promptly any other of the Planet, Jr., machines. Big 64-page catalogue sent free.



**No. 1**—Combined Drill Seeder, Wheel Hoe, Cultivator and Plow. Can be used separately as seeder or cultivator. **Price, \$9.50.**

**No. 3**—Hill and Drill Seeder. No attachments. **Price, \$10.50.**

**No. 4**—Combined Hill and Drill Seeder, with Wheel Hoe, Cultivator and Plow Attachments. **Complete, price, \$11.00.**

**No. 4 Plain**—Hill and Drill Seeder only. **Price, \$9.00.**

**No. 25**—Combined Hill and Drill Seeder, with Double Wheel Hoe, Cultivator and Plow Attachments, complete. **Price, \$13.50.**

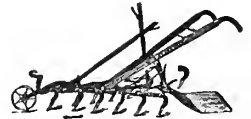
**No. 12**—Double Wheel Hoe, complete. **Price, \$7.00.**

**No. 17**—Single Wheel Hoe; a popular tool. **Price, \$5.00.**

**Planet, Jr., 8-Horse Hoe and Cultivator**—Unquestionably the best and most complete 1-horse tool on the market. With new style steel wheel, complete. **\$9.25.**

**Planet, Jr., 12-Tooth Harrow, Cultivator and Pulverizer**—The very best of its kind for fruit growers and gardeners. **Complete, \$9.00. Tool, without pulverizer, \$7.40. Tool, without pulverizer and wheel, \$6.20.**

Extras and parts for Planet, Jr., Tools furnished promptly. Be sure to ask for their large catalogue—free.

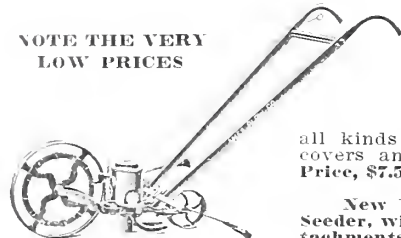




# New Universal Garden Tools

We pay the freight on Universal Tools.

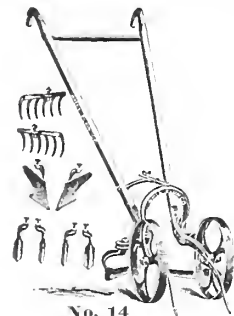
NOTE THE VERY  
LOW PRICES



No. 17

line for next row. You can easily convert it into a cultivator, using any of the several attachments, and thus be a double-wheel hoe. It is similar to Planet, Jr. No. 25, and for less money. Weighs 100 lbs. Price, \$11.00, delivered.

No. 22S—Is as Combined Hill and Drill Seeder only; no attachments. Weighs 70 lbs. Price, \$8.75, delivered.



No. 14

## NEW UNIVERSAL NO. 10 GARDEN PLOW

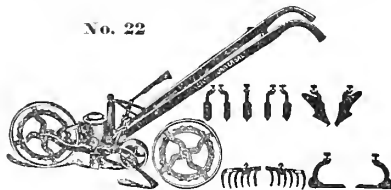
This little tool is useful in preparing small patches of ground, also for hilling up and for making laterals when irrigating. Used much by poultrymen. Weighs 19 lbs. Price, \$2.10. We can make this a delivered price only when with other New Universal Tools.

This line is standard, being manufactured by The Ames Plow Co. of Boston. For want of space, we give but brief description; however, will be pleased to mail free a descriptive catalogue. We carry in stock the following sizes:

**New Universal No. 17 Garden Drill—**No better seeder can be produced. Sows all kinds of vegetable seeds, any depth wanted; covers and rolls down perfectly. Weighs 55 lbs. Price, \$7.50, delivered.

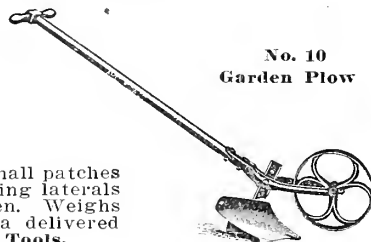
**New Universal No. 22 Combined Hill and Drill Seeder, with Cultivator, Plow, Rake and Marker Attachments—**Six implements in one, and all useful. In this tool you have all; it seeds in drills or hills, as wanted; covers the seed perfectly, and marks the

No. 22

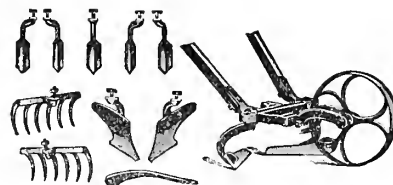


**New Universal No. 14 Double-Wheel Hoe, Cultivator, Plow and Rake combined—**The advantage of straddle-row cultivator is realized in full with this tool. The adjustable arch enables a gauging of depth peculiar to this tool. It cultivates, stirs up the soil, kills weeds and hills up perfectly. All parts are accurately made. Weighs 40 lbs. Price, \$6.00, delivered.

No. 15—Is the No. 14 frame with hoe blades only. Weighs 30 lbs. Price, \$4.00, delivered.



No. 10  
Garden Plow



No. 11

**New Universal No. 11 Single-Wheel Hoe, Cultivator, Plow and Rake—**Has adjustable high wheel, so as to work straddle or side of row. All parts and attachments quickly adjusted. Read in special catalogue all about these tools. We pay freight on all New Universal Tools. Weighs 31 lbs. Price, \$5.25, delivered.

No. 12—Is No. 11, less some of the attachments; however, has 3 cultivators, 1 plow and the hoes. Weighs 28 lbs. Price, \$4.50, delivered.

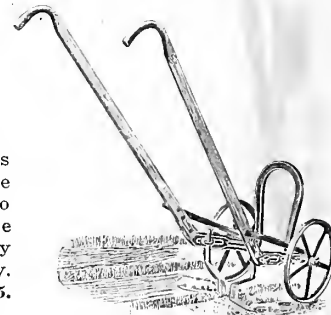
No. 13—Is frame of No. 11, with the 2 hoes only; the most useful single tool. Weighs 22 lbs. Price, \$3.00, delivered.

We prepay or allow freight, otherwise deliver to your railway station, all New Universal Garden Tools. When tools weigh less than 100 lbs., we would appreciate your ordering other goods that amount to about 100 lbs.

## McGEE HAND CULTIVATOR

Different From Any Other Tool—Once Used,  
Always Used

Invented by an old onion grower. It straddles the row, has adjustable hoe teeth, and, with the spring handles, the worker can work close to row, dodge plants and do work that otherwise must be by hand. Needs to be seen to be fully appreciated. Examine the illustration carefully. Weighs 30 lbs. Price, net, f. o. b. Denver, \$4.25.



## PERFECTION GARDEN CULTIVATOR

A New Disc and Knife Weeder and Mulcher

A child can work it. Has no attachments or incumbrances; is complete in itself. The discs are adjustable. It will fit itself to all conditions of soil. Nothing like it ever before offered. Market gardeners need it. Weighs 13 lbs. Price, net, f. o. b. Denver, \$5.00.



IT WILL PAY you to give us a list of  
all your wants in Garden Tools. Let us  
name you special prices

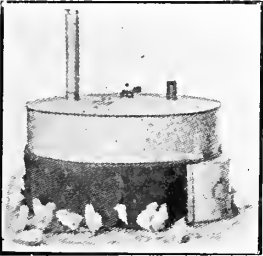
We cannot pay freight on the McGee, also Perfection Garden Cultivators at above prices.

# Poultry Supply Department

This is an important part of our business, which has grown tremendously. Our Mr. Gettelman, a well-known poultryman, gives this his personal attention. He works out all formulas for foods and remedies, making practical demonstrations. His services for information and advice to poultry keepers is at the command of our customers.

## INCUBATORS AND BROODERS

We handle several makes and can supply promptly; however, we are free to state that in all our experience the "Denver Incubator" has given satisfactory hatches. Catalogue and price lists mailed on application. We can suit you.



### CYPHERS PORTABLE HOVER

This strictly up-to-date hover has several practical advantages not found in any other make. Is complete and ready for immediate use on arrival. Is all attached; can be moved instantly intact, and can be used anywhere indoors. Is strictly self-regulating, thus preventing extremes of temperature; is also automatic in ventilation; no poisonous gases. The thermometer is in view. The bad air pipe is perfect.

It is truly a hover brooder and positively the best. Ask for circular. Weighs 39 lbs. Price, \$8.50.

### INTERNATIONAL SANITARY HOVER

Circular in shape, all metal, fireproof. Complete, \$8.50.

### GALVANIZED CHICKEN COOP

Won't rust and will last a lifetime. Proof against rats, weasels, skunks and mites. Is sanitary. Size 18x24 inches, 17 inches high. Will hold hen with 25 chicks. Price, \$2.00.



### EXTRAS FOR POULTRYMEN

No. 2 Lamp Bowls for incubators, also brooders. Each, 50c; by mail, 60c.  
No. 3 Lamp Bowls for incubators, also brooders. Each, 60c; by mail, 70c.  
No. 2 Lamp Burners for incubators, also brooders. Each, 30c; by mail, 35c.  
No. 3 Lamp Burners for incubators, also brooders. Each, 45c; by mail, 50c.  
Wicks for either size burners, 3 for 10c; 12 for 25c.

Oakes Hydro Safety Lamp, No. 1B, tin fount. Each, \$1.00.  
Oakes Hydro Safety Lamp, No. 1A, brass fount. Each, \$1.25.  
Oakes Hydro Safety Lamp, No. 2A, brass fount. Each, \$1.75.  
Oakes Hydro Safety Lamp, No. 3A, brass fount. Each, \$2.25.  
Oakes Lamps, packed, weigh 3 lbs. each.

## HIGH-CLASS THERMOMETERS

Incubator Thermometers—"Tycos" Triangle, No. 5774. 75c each; 2 for \$1.25, postpaid.

Certified Incubator Thermometers—"Tycos." No. 5782; most dependable for incubator use. \$1.50 each; 2 for \$2.50, postpaid.

Brooder Thermometer—"Tycos" with magnifying lens front; easily read. No. 5790. 75c each; 2 for \$1.25, postpaid.

Electric Lighted Incubator Thermometer—"Tycos," all complete with battery, wire, etc. \$2.50 each.

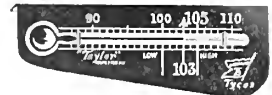
Electric Alarm Incubator Thermometer—"Tycos." No. 5784. Rings an alarm when temperature is dangerous. Easily installed. Complete with bell, battery, 10 ft. wire, etc. \$5.00.

Incubator Thermometer—Denver, Triangle. 50c, postpaid.

Brooder Thermometer—Denver, flat, unmounted. 35c each, postpaid.

Incubator Hygrometer—"Tycos," No. 5796. \$1.50 each, postpaid. Wicks, 10c each.

Ask for special Incubator Thermometer Catalogue.



## STEARNS' GREEN BONE CUTTERS

Are fully guaranteed against imperfections in material and workmanship. They are the only machines that will cut green bone fine enough for young chicks. Are solid drop forged, hardened steel cutter head. Automatic feed and self-clearing—will not become clogged. Easy running and fast-cutting. None better made. We heartily recommend them.

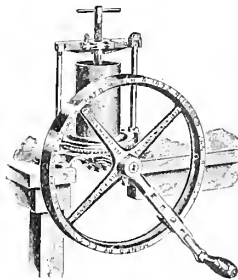
No. 4C—Is fitted with crank and bolts onto bench. Weighs 26 lbs. Price, net, \$6.50.

No. 4BW—With balance wheel instead of crank. weighs 46 lbs. Price, net, \$9.00.

No. 4S—Is the new model. No. 4 with balance wheel mounted on heavy standards (legs). Weighs 100 lbs. Price, net, \$12.00.

No. 6S—No. 6 machine, with balance wheel, mounted on heavy standards. Will cut one pound per minute. A great favorite. Weighs 135 lbs. Price, net, \$17.00.

Other sizes can be furnished promptly. Ask for Stearns' Catalogue.



## MANN'S BONE CUTTERS

All the new styles are fitted with self-governing feed.

No. 5C—With crank handle. Weighs 30 lbs. Price, \$6.50.

No. 5B—With balance wheel. Weighs 55 lbs. Price, \$9.00.

No. 5BM—With balance wheel and iron stand, complete. Weighs 80 lbs. Price, \$11.50.

No. 7—New model; has open hinged cylinder, all mounted on iron stand. Weighs 107 lbs. Price, \$13.50.

No. 7½—New model, fitted for hand and power; complete. Weighs 150 lbs. Price, \$19.00.

Mann's handsome 40-page catalogue free for the asking.



**MANN'S CLOVER CUTTER**

Made entirely of iron and steel, and is constructed on correct mechanical principles for cutting clover, alfalfa, etc., either dry or green, very rapidly. Is practical and first class in every respect.

**Clover Cutter B**—With balance wheel, to bolt to bench. Price, \$9.75.

**Clover Cutter BM**—With balance wheel, on iron stand. Price, \$11.50.

**STEARNS' CLOVER CUTTER**

While this is a rather small machine, it is a marvel in cutting. Fits on bench or table. Weighs only 5 lbs. Price, net, \$3.25.

**POULTRY MARKERS**

The Philadelphia—Made in 2 size punches. Works easily. Price, 25c, postpaid.  
Perfect Pocket Punch—Very handy; easy to use. Price, 25c, postpaid.

**LEG BANDS**

**Champion Aluminum Bands**—Pliable, easily adjusted; 3-inch and 4-inch sizes. All neatly numbered. 12 for 15c; 25 for 30c; 50 for 50c; 100 for 80c; 1,000 for \$6.50; all postpaid.

**Climax or "Stay-on" Kind**—Made of spring brass, with an aluminum tag bearing number; 3 sizes. 12 for 20c; 25 for 35c; 50 for 60c; 100 for \$1.00; all postpaid.

**Round Aluminum Wire**—Flattened where the number is placed. Very popular in Colorado. Made in 4 sizes. 12 for 20c; 25 for 40c; 50 for 75c; 100 for \$1.35.

**STEVENS' ONE-PIECE COLORED**

Very novel and distinct. Many combinations of colors on aluminum bands. Smooth; 2½ and 3-inch sizes. Numbered. 12 for 35c; 25 for 65c; 50 for \$1.25; 100 for \$2.00; all postpaid. Pigeon size—Two-color band. 12 pair for 50c; 25 pair for 75c.

**Spiral Celluloid Poultry Bands**—Made of celluloid in spiral coil, in different colors; sizes ½, ¾, 1, 1½, 2, 2½, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100. Price, 12 for 25c; 25 for 50c; 50 for 85c; 100 for \$1.50, postpaid.

**Poultry Show Secretaries**, ask for quantity prices on Leg Bands. Spiral for Pigeons. 12 pair for 40c; 24 pair for 75c.

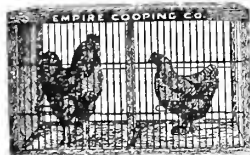
**EMPIRE EXHIBITION COOPS**

They are unquestionably the most practical and handsome coops for exhibiting and training poultry and pet stock there are on the market. There is a great variety of styles and sizes. We carry in stock the leading sizes. Send for the Empire Catalogue.

**SHIPPING COOPS**

**Racine, All Wood**—Very neat and light. Furnished K. D., all ready to tack together. Size A—12x21x21. Each, 40c; doz., \$4.00. Size B—18x12x21; each, 50c; doz., \$5.25. Size C—24x21x21; each, 60c; doz., \$6.00. Size D—30x21x21; each, 70c; doz., \$6.75.

**Eyrie Coops, Corrugated Paper Sides**—Shipped folded up. Size A—12x16x18; each, 40c. Size B—12x18x22; each, 50c. Size C—12x22x22; each, 60c.

**EGG BOXES AND CARRIERS**

**Anderson Folding Egg Box**—Size No. 3 holds 15 eggs; each, 15c; dozen, \$1.50; 12 weigh 1¼ lbs. Size No. 4 holds 30 eggs; each, 20c; dozen, \$2.25; 12 weigh 1½ lbs. Size No. 5 holds 50 eggs; each, 30c; dozen, \$3.00; 12 weigh 2½ lbs.

**FARMER'S FRIEND EGG CARRIER**

The most complete, yet low priced, egg carrier on the market. Holds 12 dozen eggs. Complete with fillers, all ready for use. Price, 75c. Weight, 7 lbs.

**Egg Cartons**—Folding paper boxes, just the thing for use in delivering eggs. The Navajo holds 12 eggs, arranged 3 by 4 eggs. 12 cartons for 15c; 50 for 50c; 100 for 95c; 250 for \$2.00; 1,000 for \$7.50. If by mail, add 10c per dozen.

The Seminole—Are oblong shape, arranged for 12 eggs, 2 by 6. 12 for 20c; 50 for 65c; 100 for \$1.25; 250 for \$2.50; 1,000 for \$9.50.

**Parcel Post Egg Carriers**—Improved Diamond. Each carton carries 12 eggs. Has proven perfectly safe any distance. This style meets the approval of postal department. Each, 15c; 2 for 25c. Weight, 8 oz. each.

**Egg Cases**—Standard style, all made up. Each, 35c; 5 for \$1.50.

**FEED AND WATER FOUNTAINS**

**Henfriend**—Made of galvanized iron. Size No. 1 holds 2½ gallons; weighs 3 lbs.; each, 60c. No. 2 holds 1¼ gallons; weighs 2 lbs.; each, 50c. No. 3 holds one-third gallon; weighs 1 lb.; each, 35c.

**Atsatt's Sanitary Fountains**—Galvanized, in 2 parts; can be hung up or rest on floor. 1-gallon size, weighs 2 lbs., 60c; 2-gallon size, weighs 3 lbs., 90c.

**Earthen Jugs**—½-gallon size, 20c; 1-gallon size, 30c. **Earthen 2-piece Founts**—Easily cleaned. ½-gallon size, 20c; 1-gallon size, 30c; 2-gallon size, 40c.

**Davis Food and Water Jar Holder**—Fits a Mason jar; brooder size, also standard size. Each, 25c; by mail, 30c. **Our Up-to-Date Jar Holder**—Holds a Mason jar reversed; suitable for feed or water, especially for little chicks. 5-inch size, 15c; 6-inch size, 20c; each; either by mail, 5c extra.



**Grit and Shell Box**—Made of galvanized iron. No. 0, 3 apartments, holding 1 pint each. Price, 50c. No. 1, 3 apartments, holding 1 quart each. Price, 75c. No. 2, 2 apartments, holding 2 quarts each. Price, \$1.00.

**Earthen Jars for Feed or Water**—Size, 3x6 inches. Each, 10c; 3 for 25c; 6 for 45c; 12 for 85c.

**The Ideal Automatic Feeder and Exerciser**—Keeps the fowls busy; suspends from ceiling. You simply fill the hopper with any kind of grain or mixture, then adjust it to feed any amount you like. Size No. 1 holds 12 quarts. Each, \$2.25. No. 2 holds 20 quarts. Each, \$3.00. Dry Mash Feeder holds 15 quarts. Each, \$1.50.





## MISCELLANEOUS SUPPLIES

**Nest Eggs**—Porcelain. Our stock is the true "Opal" brand, best made. 3 for 10c; 6 for 15c; 13 for 30c; 13 by mail for 40c.

**Medicated Nest Eggs**—Drive lice away from nest. Each, 5c; 12 for 50c; 12 by mail, 65c.

**Sanitary Galvanized Nests**—Size 11x11x36 inches long, making 3 nests. Complete for \$1.25.

**Lice Proof Perch Supports**—Iron arms with little cups to hold liquid lice killer. Per pair, 35c. Weigh 1½ lbs.

**Out Sprouter**—Ideal economy. Has six trays, 17x17, perforated. Complete for \$5.50.

**Caponizing Sets**—"Philadelphia." Complete, in plain case, \$2.50, postpaid. "Farmer's," in velvet case, \$3.00, postpaid. Guide to caponizing free with order.

**French Poultry Killing Knife**—Finely tempered instrument steel. Price, 50c, postpaid.

**Pilling Angular Killing Knife**—A very neatly made tool. Price, 50c, postpaid.

**Sulphur Fumigating Candles**—Easy to light; easy to extinguish; very effective. 10c each; 3 for 25c; 3 by mail for 30c.

**X-Ray Egg Tester**—This chimney fits any ordinary lamp burner. Best and cheapest of its kind. Price, 25c; by mail, 30c.

**Magic Egg Tester**—Gives the exact evaporation of moisture and fertility of egg. It is positive and reliable. Ask for circular if in doubt. Price, \$2.00, postpaid.

## SPECIALTIES

**Oculum**—A scientific remedy and preventive for cholera, roup and white diarrhoea, also cures gapes; very easy to apply. Complete directions with each package. Price, 50c and \$1.00, postpaid.

### Chad's Liquid Lice Killer.

The only liquid that is applied direct to the fowl; effective, yet harmless to the fowl. Does not stain. In quart bottles. Each, 75c. Can't be mailed.

### Conkey's Poultry and Stock Remedies.

We carry a full assortment and sell at factory prices, f. o. b. Denver. Ask for "Conkey's Poultry Book"—it's free.

### International Poultry and Stock Foods.

A very popular line of standard goods. Space will not admit of enumerating. Ask for circulars.

### Geo. H. Lee & Co. Poultry Line.

Lice Killer, Egg Maker, Germozone, etc.

### Pratt's Poultry and Stock Foods.

A big assortment in stock at factory prices. Poultrymen should ask for Pratt's free book, "Poultrymen's Complete Hand Book."

### Dog Cakes, Remedies, Etc.

We carry a full line of Spratt's Dog and Puppy Cakes, Remedies and Kennel Supplies, all of which are described in the Spratt's Dog Culture and Catalogue, which we will be pleased to mail on application. We mention a few of the leading articles:

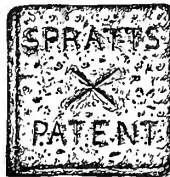
#### DOG CAKES

½-lb., 10c; 1 lb., 15c; 2 lbs., 25c; 2½-lb. carton, 30c; 5-lb. carton, 50c; 10-lb. box, \$1.00; 25-lb. box, \$2.25; 50-lb. box, \$4.40.

#### PUPPY BISCUIT

½-lb., 10c; 1 lb., 15c; 2 lbs., 25c; 2½-lb. carton, 30c; 5-lb. carton, 50c; 10-lb. box, \$1.00; 25-lb. box, \$2.40; 50-lb. box, \$4.65.

Spratt's Dog Soap—White. Per cake, 25c, postpaid.



**Spratt's Malted Kitten Food**—Per tin, 20c.  
**Spratt's Cat Food**—Per small package, 15c; large package, 30c.  
**Catnip Balls**—Each, 10c; by mail, 13c. Bulk Catnip, in packages, 5c and 10c each.  
**Old Grist Mill Dog and Puppy Cakes**, in assortment. Prices for small lots same as Spratt's.

## Canary Birds and Supplies.

**Hartz Mt. Canaries**—Are a specialty with us. We can supply good singers from \$3.00 to \$6.00 each, according to their merit.

**Females**—For breeding. \$1.00 each.

We ship birds by express in special small cages without extra charge for cage.

**Special Offer**—A good Hartz Canary singer in a wicker cage—charges prepaid to any express office west of Chicago—for \$5.00.

**Cages, Japanned**—With white enamel finish; all sizes and styles. Square. Each, \$1.00, \$1.25, \$1.35, \$1.50, \$1.65, \$1.75.

**Cages, Brass**—Very neat and bright finish. Each, \$1.85, \$2.00, \$2.25, \$2.50, \$2.75, \$3.00, \$3.25, \$3.50, \$4.00, \$4.25, \$4.50.

**Parrot Cages**—Tinned. Small, \$3.00; medium, \$3.50; large, \$4.00.

**Bird Food**—Bird Manna, ready to attach to cage, 15c. Bird Seed, clean and sifted, per lb., 10c; 3 lbs. for 25c. Hemp, Canary Rape and Sunflower quoted in our Monthly Price List.

**Cuttle Fish Bone**—¼-lb., 20c; 1 lb., 65c. Bird Sand, per package, 10c.

**Bird Remedies**—Bird Bitters, Bird Tonic, Song Restorer, etc., in large assortment. Ask for free bird booklet.

We have everything for the Aviary. Space will not permit of describing. Write us about your wants.

**Books**—Feathered Pets, by Page, 140 pages, illustrated, 25c; Canary Breeding and Training, by Page, 25c; Parrots and Other Talking Birds, by Page, 25c.

## Gold Fish and Aquariums.

Gold Fish are shipped safely by express, except in very hot weather. We put them out in good friction-top cans, properly ventilated, that carry safely, size of can and quantity of water depending on number of fish.

**Small, young fish**, 10c, 15c, 20c each, according to size.

**Medium, all choice**; 25c and 35c each, according to size.

**Long Tail Fish**, select specimens; each, 35c.

**Fan-Tail Fish**, select specimens; each, 50c.

**Glass Bowls for Fish**—Hanging or for table. ¼-gal. size, 40c; ¾-gal., 50c; 1 gal., 65c; 1½ gal., \$1.00; 2 gal., \$1.25; 3 gal., \$1.50.

Full directions for care of Gold Fish free with each shipment.

**Prepared Fish Food**—Per package, 10c; 3 for 25c, postpaid.

**Universal Fish Food**—German. Per pkg., 20c, postpaid.

**Book**—The Aquarium. 25c, postpaid.

**Special Offer**—3 choice, medium size Gold Fish in a can, express prepaid to any express office west of Chicago, for \$1.25.



# Pratts, ANIMAL and POULTRY REGULATORS and REMEDIES

SATISFACTION GUARANTEED OR MONEY REFUNDED

## PRATTS POULTRY REGULATOR



This is the original Poultry Regulator of America, in use by the most successful poultry raisers everywhere.

It is entirely different from Pratt's Animal Regulator. It is a perfect digestive and tonic suited to the constitution of poultry.

It is guaranteed egg producer, and when regularly used, hens lay throughout the year.

It prevents chicken cholera, gapes, roup, rheumatism, expels worms, prevents leg weakness, egg eating. It also greatly improves turkeys, geese, ducks, pigeons and guineas

—making them grow bigger and quicker.

26-oz. pkg., 25c; 4-lb. pkg., 50c; 9-lb. pkg., \$1.00; 12-lb. bags, \$1.25; 25-lb. bag, \$2.50; 100-lb. bag, \$9.00.

## PRATTS ROUP REMEDY

Pills or Powder



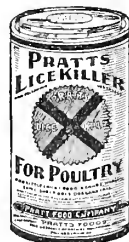
Is a scientific preparation GUARANTEED to prevent and cure roup, colds, canker, catarrh and diphtheria.

In severe cases individual treatment with the PILLS is the only sure method. For mild cases and as a preventive, crush the pills or use the powdered form, and mix in the drinking water. Sold in 25c, 50c and \$1.00 boxes.

## PRATTS LICE KILLER

(Powdered Form)

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens and incubator chicks. It rids horses, cattle, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant for all poultry houses, barns, stables and dwellings. Drives out moths from closets, furniture, carpets and clothing. 25c and 50c cans.



## PRATTS WHITE DIARRHOEA REMEDY



This remedy will positively save many dollars' worth of little chicks to poultry raisers. It has taken us nearly three years to find a remedy for White Diarrhoea and we are so sure that we have it in this article that we authorize our dealers throughout the world to refund the purchase price in case it fails. 25c and 50c a box.

## PRATTS ANIMAL REGULATOR

This is the original and pioneer Stock Regulator of America. It keeps horses well and strong, improves their wind, and makes their coat sleek and glossy.

Cows give more and richer milk, the percentage of butter being increased, and their calves are strong and healthy. Steers fatten in half the time.

Hogs are raised and fattened quickly and kept free from disease. Sheep are kept healthy, and their meat and wool improved by its use. Test it on our guarantee to do the work or money refunded. 25-lb. pails are popular with our customers; also 50 and 100-lb. sacks and small packages.

In pkgs. at 25c, 50c, 75c and \$1.00 each; 50-lb. bag, \$6.00; 100-lb. bag, \$11.00; 12-lb. pail, \$1.75; 25-lb. pail, \$3.00.



## PRATTS DIP AND DISINFECTANT

Has received the U. S. Government rating for sheep scab (1 part Dip to 70 parts water). Cures sheep of ticks, footrot and other diseases; cures cattle of mange, ringworm, scabies, screw worms; cures horses of mange, ticks, lice, ringworm, thrush, galls, cuts, wounds; cures hogs of mange, lice, eczema, fly and maggots; cures dogs of fleas, lice and mange. Quarts, 35c; 2-quart cans, 60c; gallon cans, \$1.00.



## PRATTS HEALING POWDER

A guaranteed remedy for harness galls, sores, grease heel, bleeding ulcers, etc. It will arrest hemorrhage and check blood flow. Dirt and dust cannot get into wounds as the Powder forms a coating over it. Large 4-oz. can, 25c.



The following are Pratt's Popular Veterinary Remedies that can be supplied promptly:

Pratts Colic Remedy, 50c, \$1.00  
Pratts Liniment, 25c, 50c, \$1.00  
Pratts Distemper and Pink Eye Remedy, 50c  
Pratts Healing Ointment, 25c, 50c  
Pratts Heave, Cough and Cold Remedy, 50c, \$1.00  
Pratts Prepared Worm Powder, 50c  
Pratts Bag Ointment (for cows), 25c, 50c

Pratts Calf Tonic, 50c  
Pratts Cow Tonic, pkgs., 50c  
Pratts Hog Cholera Specific, pkgs., 50c  
Pratts Hog Worm Powder, 50c, \$1.00  
Pratts Germ-a-Thol (Household Disinfectant), bottles, 25c, 50c, \$1.00  
Pratts Liquid Spavin Remedy, 50c, \$1.00  
Pratts Spavin Paste (a blister), 50c.  
Pratts Harness Soap, 25c

# GOOD BOOKS FOR POULTRYMEN

All postpaid, except where stated otherwise

## RELIABLE POULTRY JOURNAL SERIES

The Plymouth Rocks: Barred, White, Buff, Etc., by Denny; 160 pp.....	\$1.00
The Wyandottes: Silver, Golden, White, Etc., by Drevenstedt; 160 pp.....	1.00
The Leghorns: Brown, White, Buff, Etc., by Drevenstedt; 144 pp.....	1.00
Successful Poultry Keeping—Very complete, illustrated, 176 pp.....	1.00
Ducks and Geese, Revised—Illustrated, 80 pp.....	.75
Turkeys, Care and Management—New edition, illustrated, 96 pp.....	.75
Rhode Island Reds—By Hale; illustrated, color plates.....	.75
The Orpingtons: Black, Buff and White—By Drevenstedt; 80 pp.....	.75
The Asiatics: Brahmas, Cochins and Langshans—Illustrated, 100 pp.....	.50
Poultry Houses and Fixtures—Over 150 illustrations, 96 pp.....	.50
Artificial Incubating and Brooding—Illustrated, 96 pp.....	.50
The Chick Book; A Reliable Guide—80 pp.....	.50
Eggs and Egg Farms—Illustrated, 96 pp.....	.50
The Bantam Fowl—By McGrew, illustrated, 68 pp.....	.50
Reliable Poultry Remedies—Revised and enlarged, 96 pp.....	.25
Egg Record and Account Book—Every poultryman should have one.....	.25

**Discount**—Three of above Reliable publications, 10 per cent off; 5 or more in one order, 15 per cent off.

Reliable Poultry Journal, Monthly, 1 year subscription.....	\$ .50
American Standard of Perfection—Revised.....	2.00

The Poultry Book—1,328 pages, 375 illustrations. The largest Poultry Book on the market; by leading experts. Doubleday, Page & Co.....	1.50
--	------

### Postage extra, 30c.

The Poultry Manual—A guide to successful poultry keeping.....	.25
Capons for Profit.....	.50
Diseases of Pigeons—By Summers.....	.50
The Belgian Hare Guide.....	.25
Feathered Pets—By Page; 140 pp., illustrated, paper.....	.25
Canary Breeding and Training—By Page; paper.....	.25
Parrots and Other Talking Birds—By Page; paper.....	.25
"CALL OF THE HEN"—THE UTILITY STANDARD OF THE FUTURE. Cloth.....	2.00

## EGGS FOR HATCHING

Being in close business relations with the leading Poultry Breeders of this locality, we are prepared to fill orders promptly. We do not keep eggs in stock, thus you are assured of freshly laid. While we take the greatest care to maintain purity and careful packing, there are so many risks involved that we cannot give a guarantee whatever regarding the results. Prices are according to the quality of the strain. We ship in Anderson's Egg Boxes.

	Per 13
Barred Plymouth Rocks.....	\$2.00 to \$2.50
White Plymouth Rocks.....	2.50 to 3.00
White Wyandottes.....	2.00 to 3.00
Black Langshans.....	2.50 to 3.00
Light Brahmas.....	2.00 to 3.00
Rhode Island Reds, Single Comb.....	2.00 to 4.00
Rhode Island Reds, Rose Comb.....	2.50 to 4.00
Brown Leghorns, Single Comb.....	2.00 to 2.50
Brown Leghorns, Rose Comb.....	2.50 to 3.00
White Leghorns, Single Comb.....	2.00 to 2.50
White Leghorns, Rose Comb.....	2.50 to 3.00
Buff Orpingtons.....	2.00 to 3.00
White Orpingtons.....	2.50 to 4.00
Black Minorcas, Single Comb.....	2.50 to 3.00
Black Minorcas, Rose Comb.....	2.50 to 3.00
Guineas, Pearl.....	1.50
Turkeys, Bronze. Per setting of 9, \$2.00; \$3.50 for 2 settings.	
Ducks, White Pekin. Per setting of 11, \$2.75; \$5.00 for 2 settings.	

## FREIGHT RATES FROM DENVER TO STATIONS NAMED

That customers may estimate cost on heavy seeds and other articles, we name the present rates to a number of important stations. Garden and Flower Seeds, Potatoes, Onion Sets, Grass and Clover Seeds go as third class. Grain, Corn, Fertilizer, Shell, Bone and Poultry Foods in sacks go as fourth class. Rates are in cents per 100 pounds. A minimum cost by freight is one second-class rate, thus you should ship 125 to 150 lbs. to secure actual rate minimum cost.

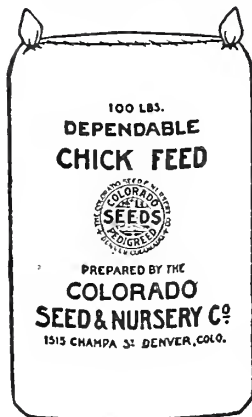
COLORADO		NEW MEXICO		WYOMING	
Alamosa.....	3rd 4th 79 60	Albuquerque.....	3rd 4th 82 77	Casper.....	3rd 4th 99 89
Aspen.....	100 75	Alamogordo.....	122 116	Cheyenne.....	35 30
Akron.....	33 25	Carlsbad.....	122 111	Douglas.....	75 68
Brush.....	28 21	Chama.....	99 70	Evanson.....	115 96
Buena Vista.....	75 57	Chinarron.....	72 60	Lauder.....	131 113
Burlington.....	46 37	Clayton.....	62 53	Laramie.....	47 37
Calhan.....	31 24	Deming.....	144 131	Rawlins.....	78 65
Canon City.....	43 34	Espanola.....	97 78	Sheridan.....	107 89
Carbondale.....	97 72	Farmington.....	130 100	Wheatland.....	54 45
Cheyenne Wells.....	52 38	Gallup.....	147 133		
Colorado Springs.....	31 24	Las Cruces.....	110 97	IDAHO	
Del Norte.....	85 64	Las Vegas.....	82 71	Boise.....	148 127
Delta.....	110 75	Raton.....	53 40	Idaho Falls.....	122 104
Dolores.....	155 110	Roswell.....	122 111	Lewiston.....	176 152
Durango.....	105 75	San Marcial.....	90 85	Moscow.....	176 152
Elizabeth.....	23 18	Santa Fe.....	82 75	Pocatello.....	120 102
Fort Collins.....	20 15	Silver City.....	161 146	St. Anthony.....	136 116
Fort Morgan.....	25 19	Socorro.....	88 85	MONTANA	
Fruita.....	113 78	Springer.....	62 53	Billings.....	107 89
Glenwood Springs.....	97 72	Tularosa.....	122 116	Helena and Butte.....	129 102
Grand Junction.....	110 75	Wagon Mound.....	65 53	Missoula.....	154 131
Greeley.....	20 15	Watrous.....	73 63	NEBRASKA	
Grover.....	35 30			Alliance.....	66 55
Gunnison.....	83 65	ARIZONA		Bridgeport.....	54 44
Holyoke.....	47 41	Benson.....	154 133	Holdrege.....	76 61
Hotchkiss.....	122 83	Bisbee.....	154 133	McCook.....	65 53
Hugo.....	28 22	Douglas.....	154 133	North Platte.....	62 52
Julesburg.....	48 42	Flagstaff.....	154 133	KANSAS	
Kremmling.....	85 65	Globe.....	219 133	Colby.....	76 61
La Junta.....	44 35	Holbrook.....	154 133	Goodland.....	54 42
Lamar.....	59 46	Jerome.....	171.6 149.2	Ellis.....	76 61
Las Animas.....	52 40	Phoenix.....	154 133	Oakley.....	76 61
Leadville.....	77 57	Prescott.....	154 133	Sharon Springs.....	69 58
Limón.....	25 19	Safford.....	177 154	TEXAS	
Mancos.....	140 100	Tempe.....	154 133	Amarillo.....	97 90
Monte Vista.....	79 60	Tucson.....	154 133	Dalhart.....	94 90
Montrose.....	105 75	Willcox.....	154 133	El Paso.....	104 96
Ouray.....	110 80	Winslow.....	174 133		
Palisade.....	110 75			UTAH	
Paonia.....	125 88	American Fork.....	115 96	Spokane and neigh-	
Peyton.....	31 24	Gunnison.....	136 115	boring towns.....	176 152
Pueblo.....	38 30	Logan.....	120 102	Seattle and neigh-	
Ramah.....	31 24	Manti.....	133 111	boring towns.....	190 160
Rifle.....	100 75	Nephi.....	133 111	Portland & neigh-	
Rocky Ford.....	41 33	Ogden.....	115 96	boring towns.....	190 160
Salida.....	60 51	Payson.....	115 96	California common	
Steamboat Spgs.....	129 109	Price.....	115 96	points.....	190 160
Sterling.....	34 27	Provo.....	115 96	Kansas City,	
Trinidad.....	53 40	Salt Lake City.....	115 96	Omaha, etc.....	74 60
Villa Grove.....	65 52	Springville.....	115 96	St. Paul.....	101 80
Walsenburg.....	50 37			St. Louis.....	101 80
Wray.....	44 35			Chicago.....	110 85
Yuma.....	40 30				

Will be pleased to quote freight rates to any station not named above; also express rates. Seeds, Bulbs and Plants have a special express rate.



# OUR DEPENDABLE POULTRY FOODS

Experience and close observation by practical poultry breeders give strong evidence that more attention to correct feeding of poultry is the key to success in the poultry business. We recognize this fact and thus are giving special study in producing strictly balanced rations for all occasions from the first feed for little chicks to the staple foods for grown fowls.



## Dependable Chick Feed.

This is suitable to feed dry at once. It contains re-cleaned cracked grains, rice, hemp, canary, fine charcoal, etc., all of which give nourishment and encourage correct digestion and prevent bowel trouble. This is made after Mr. Gettelman's own formula and we sincerely believe there is actually no other chick food better for the price. Experienced poultrymen tell us it is the best on the market. Save your little chicks by feeding our Dependable Chick Feed. 6-lb. sack for 25c; 14-lb. sack for 50c; 30-lb. sack for \$1.00; 50-lb. sack for \$1.50; 100-lb. sack for \$2.75.

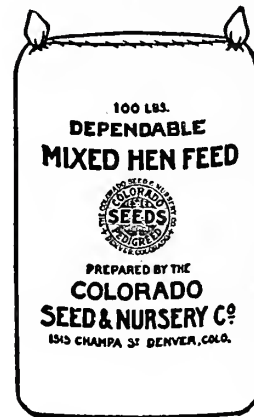
## Dependable Forcing Chick Feed.

The correct food for chicks six weeks to three months old. This mixture contains cracked grains with bone, charcoal and other ingredients to help rapid growth, yet not stimulate. Work this feed gradually when quitting the Chick Feed, thus the chick will grow and develop healthy and rapidly. 7-lb. sack for 25c; 16-lb. sack for 50c; 35-lb. sack for \$1.00; 50-lb. sack for \$1.35; 100-lb. sack for \$2.50.

## Dependable Egg Maker Mash

Our ideal preparation for egg and feather making. True egg producing food must contain suitable proportion of albumen with ground grains to supply the "egg machine" with nourishment—that is what we claim for our Egg

Maker. Its contents are all good value—no sweepings or wastes. We believe the poultrymen are very suspicious of all mash foods on account of impositions in worthless contents. Try ours beside others. 9 lbs., 25c; 20 lbs., 50c; 50-lb. sack, \$1.10; 100-lb. sack, \$2.00.



## Dependable Mixed Hen Feed.

Is a combination of suitable grains thoroughly re-cleaned and mixed in the proper proportions to be a "balanced ration" of edible foods—no dust or damaged grain—also sunflower, charcoal, etc. It is positively the best and worth every cent we ask for it. Examine it, analyze it, compare it with others on the market. 9 lbs., 25c; 20 lbs., 50c; 50-lb. sack, for \$1.10; 100-lb. sack for \$2.00.

## Denver Poultry Mixture.

Consists of re-cleaned grains in good proportion, though less of the higher priced articles, to thus enable its sale for less price than our Dependable Mixed Hen Feed. We consider this mixture better than some offered for higher price. In 100-lb. sacks only, \$1.90.

## Dependable Mixed Pigeon Feed.

Contains hard wheat, kaffir corn, buckwheat, small peas and other suitable foods for pigeons and squabs. 7-lb. sack for 25c; 16-lb. sack for 50c; 35-lb. sack for \$1.00; 50-lb. sack for \$1.35; 100-lb. sack for \$2.50.

## MISCELLANEOUS POULTRY FOODS

Prices for these articles are constantly changing. We issue a price current often. Ask for late list. If you favor us with orders from this list, we will give you benefit of present market.

	Per 100 lbs.
Cut Alfalfa.....	\$1.75
Ground Oil Cake (Price fluctuates)—7 lbs., 25c; 16 lbs., 50c; 50 lbs., \$1.20..	2.25
Flax Seed Meal—1 lb., 10c; 3 lbs., 25c; 10 lbs., 75c; 25 lbs., \$1.60.....	5.50
Crushed Oyster Shell—Clean Baltimore Stock, coarse and fine. 12 lbs., 25c; 30 lbs., 50c; 50 lbs., 70c.....	1.25
Poultry Grit—Hen and chick size. 12 lbs., 25c; 30 lbs., 50c; 50 lbs., 70c....	1.25
Gluten Meal—6 lbs., 25c; 13 lbs., 50c; 28 lbs., \$1.00; 50 lbs., \$1.60.....	3.00
Millet for Feeding—7 lbs., 25c; 16 lbs., 50c; 50 lbs., \$1.20.....	2.25
Kaffir Corn, Wheat, Barley, Buckwheat, Cracked Wheat, Oats, Rolled Oats, Cracked Corn and other grains always kept in stock at lowest market price. Ask for monthly price list if interested.	

Hemp, Rape, Sunflower for Feeding—Each, lb., 10c; 3 lbs. for 25c.  
Canary—Re-cleaned, imported. Lb., 15c, 2 lbs., 25c; 5 lbs., 50c.

Larger lots quoted on application.	
Green Cut Bone—7 lbs., 25c; 16 lbs., 50c; 50 lbs., \$1.25.....	\$2.25
Green Cut Meat and Bone, Dried—7 lbs., 25c; 16 lbs., 50c; 50 lbs., \$1.25....	2.25
Dried Meat, Bone and Blood—6 lbs., 25c; 14 lbs., 50c; 50 lbs., \$1.60.....	3.00
Meat Meal—6 lbs., 25c; 14 lbs., 50c; 50 lbs., \$1.60.....	3.00
Granulated Poultry Bone—5 lbs., 25c; 12 lbs., 50c; 50 lbs., \$1.70.....	3.25
Poultry Bone Meal—5 lbs., 25c; 12 lbs., 50c; 50 lbs., \$1.70.....	3.25
Blood Meal, Colorado—4 lbs., 25c; 10 lbs., 50c; 50 lbs., \$2.10.....	4.00
Blood Meal, Armour's—3 lbs., 25c; 7 lbs., 50c; 16 lbs., \$1.00; 50 lbs., \$2.75..	5.00
High Protein Beef Scraps—4 lbs., 25c; 10 lbs., 50c; 21 lbs., \$1.00; 50 lbs., \$2.10.....	4.00
Charcoal, Fine, Medium and Coarse—4 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.60.....	3.00
Poultry Pepper—1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00; 25-lb. pail, \$4.50.....	1.50
Alfalfa Meal—25 lbs., 50c; 50 lbs., 80c.....	

We can save you money on many above foods if you will purchase in original sacks and combine your wants in one order. Give us an opportunity to demonstrate same by your sending us a list of your wants, for our prices, stock delivered your station.

1515  
Champa Street

**The Colorado Seed & Nursery Co., Denver, Colorado**

Third Door from 15th Street, near Gas and Electric Building Corner. Phone Main 5203

1515  
Champa Street